

Specification Sheet - DIGIOP S30



S30 Digital Surveillance Management System

4 Channel Hybrid	
Hard Drive Configurations:	250 GB
Estimated Archive Capacity*(Days):	160
Video/Audio Channels: 4/1+ Two-way Audio	
Record Rate @ CIF, 2CIF, 4CIF: 30, 30, 15	
Inputs/Relay: 4/4+PTZ	

The DIGIOP S30 DVR has been specifically designed as a complete surveillance management solution for small retail stores, restaurants, and offices or similar locations that do not require more than an entry level four-camera system. The S30 is shipped with integrated POS Software which can be easily unlocked via software key to create the perfect loss prevention solution.

The DIGIOP S30 delivers key functionality of higher end systems in a compact desktop chassis as shown above. It can be configured to provide more than 6 months of DVD quality video. As with the entire DIGIOP G3 platform, the S30 is easy-to-install, use, and maintain.

Included with each DIGIOP S30 is the DIGIOP Remote Manager, which will enable a user to manage, upgrade, and monitor the S30 as either a stand-alone workstation or enterprise surveillance system. By combining DIGIOP's award-winning surveillance management software and hardware with Dell's highly reliable IT platform, we have created an open surveillance platform unparalleled in capabilities, quality, and value.

Superior Technology & Capabilities

- Faster record rates, longer archive capabilities
- Better video and audio fidelity through the use of DIGIOP's leading compression, storage, and streaming technology
- Open Platform with Full featured API for easy 3rd party integration
- 4 Channel Hybrid, expandable with IP upgrade packs

Proven Reliability & Quality

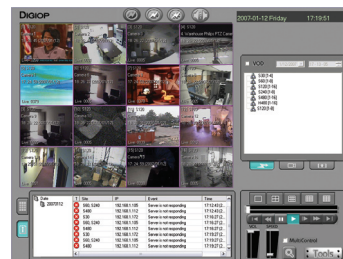
- NEW! Now manufactured by Dell, a world leader in the production of computing platforms
- ISO 9001:2000 manufacturing environment
- Chosen by many Fortune 1000 companies around the world as their digital surveillance platform

Consistent Availability

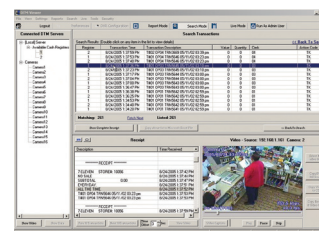
- The DIGIOP Desktop Series of surveillance management systems will be built for stock for rapid order fulfillment
- Through order fulfillment partners, these systems will be available for next business day delivery

Value

- The DIGIOP Desktop Series has been priced to be the hands down value leader within the competitive digital surveillance industry
- With one of the industry's broadest product lines, a DIGIOP surveillance system can be found to meet the needs of not only the smallest installations but the most complex
- The DIGIOP Desktop Series has combined leading technology, unmatched quality and reliability, availability, and a best in class service model with aggressive pricing to create a new standard in the surveillance industry



DIGIOP Remote Manager (Included)



DIGIOP POS Transaction Manager (Optional)

*Storage estimation is based on 25% motion, 1CIF at 500kbps/30ips bitrate. Actual days storage may vary greatly depending on cameras, compression used, scene complexity, and image quality settings. JPEG IP cameras will reduce archive capacity by 3-5 times or more.
 †Rack mountable with additional hardware, not included.



Description: The DIGIOP S30 DVR is a 4-channel video and 1-channel audio IP-networked digital video recorder which records up to 30 images-per-second. It is designed for small camera installations which do not require real-time recording. It provides enterprise features, quality, and interoperability in a compact desktop platform that is easy to install, use, and maintain. It can operate as a fully integrated networked system or as a stand-alone workstation with an intuitive mouse driven graphical user interface.

Video Recording: Enhanced MPEG 4 compression with motion & noise discrimination, individually selectable camera frame rate and resolution. Up to 30 ips per camera. Max Resolution 720x480

NTSC: 30 ips across 4 inputs (7.5 ips per camera) @ CIF & 2 CIF, 15 ips @ 4 CIF

PAL: 25 ips across 4 inputs (6.25 ips per camera) @ CIF & 2 CIF, 13 ips @ 4 CIF

Playback: Fully synchronized multi-channel playback, advanced image post processing, smart search, selectable de-interlacing, 24hr intelli-search, selectable event playback, digital zoom & enhancements, encrypted and open format that is easy to export to network, DVD/CD/USB

Audio Channels: 1 line-level synched to video, 1 two-way audio, selectable compression methods, G.723.1 compression achieves voice quality at 6.3 kbps bitrate, MP3 FM & AM quality and live remote audio monitoring

Analog Monitor Out: RCA-terminated NTSC or PAL analog spot monitor output; event-driven video switcher functionality, selectable rotation with dwell time, controlled / overridden by time/VMD/alarm input or remote control

Alarms/ Relays: 4 (NO/NC) / 4 relay switch outputs; programmable event driven, programmable to optimize frame rate on sensor input, PTZ preset association to sensor input. Video motion detection, video loss, record failure, and power loss association to relay. Local and remote relay activation and control

Data & Peripheral Connectivity: Integrated PTZ RS422/485 or 1 RS232, 8 USB ports for additional devices, 1 parallel printer, 1 VGA out, 1 speaker/line-out, 1 headphone (front)

Network Interface: Ethernet: RJ-45 10/100/1000. Server bandwidth throttle, DHCP enabled; centralized time server synchronization across all servers

Recording Modes: Continuous, schedule, motion (full view or masked with sensitivity control), event driven with multiple camera association, pre and post alarm recording, covert, selectable event & camera days archive retention

Video Streaming: Advanced concrypted (compressed & 128 bit AES encrypted), multi-channel independent streaming, tri-plex on remote for simultaneous live, VOD/Playback, and archive. Unique full quality video stream achieved by adaptive frame skipping for low bandwidth networks

Video Storage: 1 high capacity HDD 250GB storage. Innovative HDD dampening, SMART III, 7200RPM SATA, automated Net-backup server compatible, HDD % full notification

Audit/Event Log: Setup, startup, shutdown, restart, reset, sensors, HDD fail, video loss, record start & stop, system service, date/time change, upgrade, network change, video error

Fault Tolerant Systems: Auto HDD recovery – system automatically re-images after improper shutdown or error detected, hardware watchdog, HyperCool thermal-management, brown out tolerant power supply, XP Embedded hardened OS, enterprise class HDD 1.2 million MTBF @ 100% duty cycle

Server App, OS, API & Integration: DIGIOP Hybrid Series 7 Server, multi-site remote management software suite, XP Embedded OS, full DIGIOP API compatibility, and DTM/POS capable

IT Platform: Customized Dell OptiPlex 755, 1.8 Ghz Intel 430 Celeron Processor, 1GB RAM

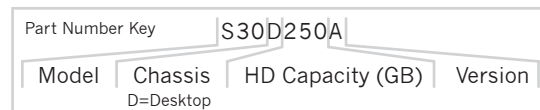
Dimensions (HxWxD): 4.5"x15.7"x13.9" (11.43cm x39.9 cm x35.3cm)

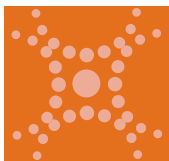
Weight: 23 lb. (10.4 kg) (depending on options installed)

Operating Temperatures: 10° to 95° F (10° - 35° C)

Safety & Certifications: TCO99, Blue Angel, Green PC, Energy Star, BSMI, C-TICK, CE, FCC, IRAM, NEMKO, NFPA99, SABS, SASO, TCO,TUV, UL, VCCI, USB 2.0, WEEE

Power Supply: 280 W, 76% power efficiency, 956 BTU/hr. heat dissipation (not including peripherals) , manual selection power supplies: 100 to 120 V at 50/60 Hz; 200 to 240 V at 50/60 Hz





Specification Sheet - DIGIOP S60



S60 Digital Surveillance Management System

8 Channel Hybrid	S60D250A	S60D500A
	250 GB	500 GB
Hard Drive Configurations:	80	160
Estimated Archive Capacity*(Days):		
Video/Audio Channels: 8/1+ Two-way Audio		
Record Rate @ CIF, 2CIF, 4CIF: 60, 60, 30		
Inputs/Relay: 4/4+PTZ		

The DIGIOP S60 DVR has been specifically designed as a complete surveillance management solution for small retail stores, restaurants, and offices or similar locations that do not require more than an entry level eight-camera system. The S60 is shipped with integrated POS Software which can be easily unlocked via software key to create the perfect loss prevention solution.

The DIGIOP S60 delivers key functionality of higher end systems in a compact desktop chassis as shown above. It can be configured to provide more than 3 months of DVD quality video. As with the entire DIGIOP platform, the S60 is easy-to-install, use, and maintain.

Included with each DIGIOP S60 is the DIGIOP Remote Manager, which will enable a user to manage, upgrade, and monitor the S60 as either a stand-alone workstation or enterprise surveillance system. By combining DIGIOP's award-winning surveillance management software and hardware with Dell's highly reliable IT platform, we have created an open surveillance platform unparalleled in capabilities, quality, and value.

Superior Technology & Capabilities

- Faster record rates, longer archive capabilities
- Better video and audio fidelity through the use of DIGIOP's leading compression, storage, and streaming technology
- Open Platform with Full featured API for easy 3rd party integration
- 8 Channel Hybrid, expandable with IP upgrade packs

Proven Reliability & Quality

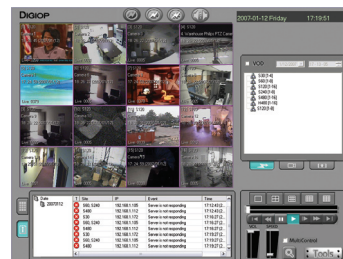
- NEW! Now manufactured by Dell, a world leader in the production of computing platforms
- ISO 9001:2000 manufacturing environment
- Chosen by many Fortune 1000 companies around the world as their digital surveillance platform

Consistent Availability

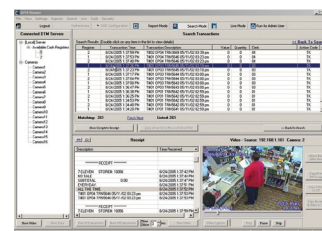
- The DIGIOP Desktop Series of surveillance management systems will be built for stock for rapid order fulfillment
- Through order fulfillment partners, these systems will be available for next business day delivery

Value

- The DIGIOP Desktop Series has been priced to be the hands down value leader within the competitive digital surveillance industry
- With one of the industry's broadest product lines, a DIGIOP surveillance system can be found to meet the needs of not only the smallest installations but the most complex
- The DIGIOP Desktop Series has combined leading technology, unmatched quality and reliability, availability, and a best in class service model with aggressive pricing to create a new standard in the surveillance industry



DIGIOP Remote Manager (Included)



DIGIOP POS Transaction Manager (Optional)



Description: The DIGIOP S60 DVR is an 8-channel Video and 1-channel Audio IP-networked digital video recorder which records up to 60 images-per-second. It is designed for small camera installations where real-time recording is not required. It provides enterprise features, quality, and interoperability in a compact desktop platform that is easy-to-install, use, and maintain. It can operate as a fully integrated networked system or as a stand-alone workstation with an intuitive mouse driven graphical user interface.

Video Recording: Enhanced MPEG 4 compression with motion & noise discrimination, individually selectable camera frame rate and resolution. Up to 30 ips per camera. Max Resolution 720x480

NTSC: 60 ips across 8 inputs (7.5 ips per camera) @ CIF & 2 CIF, 30 ips @ 4 CIF

PAL: 50 ips across 8 inputs (6.25 ips per camera) @ CIF & 2 CIF, 20 ips @ 4 CIF

Playback: Fully synchronized multi-channel playback, advanced image post processing, smart search, selectable de-interlacing, 24hr intelli-search, selectable event playback, digital zoom & enhancements, encrypted and open format which is easy to export to network, DVD/CD/USB

Audio Channels: 1 line-level synched to video, 1 two-way audio, selectable compression methods, G.723.1 compression achieves voice quality 6.3 kbps bitrate, MP3 FM & AM quality and live remote audio monitoring

Analog Monitor Out: RCA-terminated NTSC or PAL analog spot monitor output; event-driven video switcher functionality, selectable rotation with dwell time, controlled/overridden by time/VMD/alarm input or remote control

Alarms/ Relays: 4 (NO/NC) / 4 relay switch outputs; programmable event driven, programmable to optimize frame rate on sensor input, PTZ preset association to sensor input. Video motion detection, video loss, record failure, and power loss association to relay. Local and remote relay activation

Data & Peripheral Connectivity: Integrated PTZ RS422/485 or 1 RS232, 8 USB ports for additional devices, 1 parallel/printer, 1 VGA out, 1 speakers/line-out, 1 headphone (front)

Network Interface: Ethernet: RJ-45 10/100/1000. Server bandwidth throttle, DHCP enabled; centralized time server synchronization across all servers

Recording Modes: Continuous, schedule, motion (full view or masked with sensitivity control), event driven with multiple camera association, pre and post alarm recording, covert, selectable event & camera days archive retention

Video Streaming: Advanced concrypted (compressed & 128 bit AES encrypted), multi-channel independent streaming, tri-plex on remote for simultaneous live, VOD/Playback, and archive. Unique full quality video stream achieved by adaptive frame skipping for low bandwidth networks

Video Storage: 1 high capacity HDD. 250–500 GB storage. Innovative HDD dampening, SMART III. 7200 RPM SATA, automated Net-backup server compatible, HDD % full notification

Audit/Event Log: Setup, startup, shutdown, restart, reset, sensors, HDD fail, video loss, record start & stop, system service, date/time change, upgrade, network change, video error

Fault Tolerant Systems: Auto HDD recovery – system automatically re-images after improper shutdown or error detected, hardware watchdog, HyperCool thermal-management, brown out tolerant power supply, XP Embedded hardened OS, enterprise class HDD 1.2 million MTBF @ 100% duty cycle for the 500 GB HDD

Server App, OS, API & Integration: DIGIOP Hybrid Series 7 Server, multi-site remote management software suite, XP Embedded OS, full DIGIOP API compatibility, and DTM/POS capable

IT Platform: Customized Dell OptiPlex 755, 1.8 Ghz Intel 430 Celeron Processor, 1GB RAM

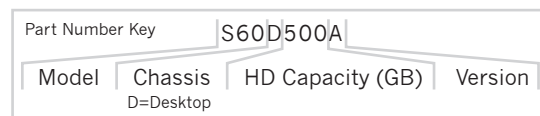
Dimensions (HxWxD): 4.5"x15.7"x13.9" (11.43cm x39.9 cm x35.3cm)

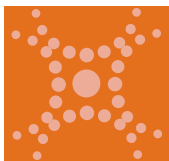
Weight: 23 lb. (10.4 kg) (depending on options installed)

Operating Temperatures: 10° to 95° F (10° - 35° C)

Safety & Certifications: TCO99, Blue Angel, Green PC, Energy Star, BSMI, C-TICK, CE, FCC, IRAM, NEMKO, NFPA99, SABS, SASO, TCO,TUV, UL, VCCI, USB 2.0, WEEE

Power Supply: 280 W, 76% power efficiency, 956 BTU/hr. heat dissipation (not including peripherals) , manual selection power supplies: 100 to 120 V at 50/60 Hz; 200 to 240 V at 50/60 Hz





Specification Sheet - DIGIOP S120



S120 Digital Surveillance Management System

	S120D250A	S120D500A	S120D750A	S120D1000A
16 Channel Hybrid				
Hard Drive Configurations:	250 GB	500 GB	750 GB	1 TB
Estimated Archive Capacity*(Days):	40	80	120	160
Video/Audio Channels: 16/5+ Two-way Audio				
Record Rate @ CIF, 2CIF, 4CIF: 120, 120, 60				
Inputs/Relay: 4/4+PTZ				

The DIGIOP S120 DVR has been specifically designed as a complete surveillance management solution for retail stores, restaurants, schools, banks, and corporate facilities or similar locations that require a full featured sixteen-camera system. The S120 is shipped with integrated POS Software which can be easily unlocked via software key to create the perfect loss prevention solution.

The DIGIOP S120 delivers key functionality and state-of-the-art capabilities in a compact desktop chassis as shown above with a powerful Intel multi-core processor. It can be configured to provide more than 2 months of DVD quality video. As with the entire DIGIOP platform, it can seamlessly integrate with other systems. The S120 is easy-to-install, use, and maintain.

Included with each DIGIOP S120 is the DIGIOP Remote Manager, which will enable a user to manage, upgrade, and monitor the S120 as either a stand-alone workstation or enterprise surveillance system. By combining DIGIOP's award-winning surveillance management software and hardware with Dell's highly reliable IT platform, we have created an open surveillance platform unparalleled in capabilities, quality, and value.

Superior Technology & Capabilities

- Faster record rates, longer archive capabilities
- Better video and audio fidelity through the use of DIGIOP's leading compression, storage, and streaming technology
- Advanced Dual Core micro-architecture with abundant processing power for future expandability
- Open Platform with Full featured API for easy 3rd party integration
- 16 Channel Hybrid, expandable with IP upgrade packs

Proven Reliability & Quality

- NEW! Now manufactured by Dell, a world leader in the production of computing platforms
- ISO 9001:2000 manufacturing environment
- Chosen by many Fortune 1000 companies around the world as their digital surveillance platform

Consistent Availability

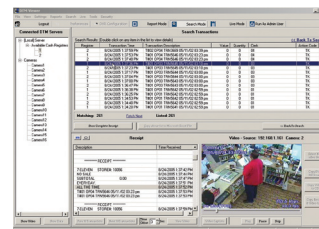
- The DIGIOP Desktop Series of surveillance management systems will be built for stock for rapid order fulfillment
- Through order fulfillment partners, these systems will be available for next business day delivery

Value

- The new DIGIOP Desktop Series has been priced to be the hands down value leader within the competitive digital surveillance industry
- With one of the industry's broadest product lines, a DIGIOP surveillance system can be found to meet the needs of not only the smallest installations but the most complex
- The DIGIOP Desktop Series has combined leading technology, unmatched quality and reliability, availability, and a best in class service model with aggressive pricing to create a new standard in the surveillance industry



DIGIOP Remote Manager (Included)



DIGIOP POS Transaction Manager (Optional)

*Storage estimation is based on 25% motion, 1CIF at 500kbps/30ips bitrate. Actual days storage may vary greatly depending on cameras, compression used, scene complexity, and image quality settings. JPEG IP cameras will reduce archive capacity by 3-5 times or more.
 †Rack mountable with additional hardware, not included.



Description: The DIGIOP S120 DVR is a 16-channel video and 5-channel audio IP-networked digital video recorder which records up to 120 images-per-second. It is designed for mid sized camera installations which require near real-time recording and up to 5 audio channels. It provides enterprise features, quality, and interoperability in a compact desktop platform that is easy-to-install, use, and maintain. It can operate as a fully integrated networked system or as a stand-alone workstation with an intuitive mouse driven graphical user interface.

Video Recording: Enhanced MPEG 4 compression with motion & noise discrimination, individually selectable camera frame rate and resolution. Up to 30 ips per camera. Max Resolution 720x480

NTSC: 120 ips across 16 inputs (7.5 ips per camera) @ CIF & 2 CIF, 60 ips @ 4 CIF

PAL: 100 ips across 16 inputs (6.25 ips per camera) @ CIF & 2 CIF, and 50 ips @ 4 CIF

Playback: Fully synchronized multi-channel playback, advanced image post processing, smart search, selectable de-interlacing, 24hr intelli-search, selectable event playback, digital zoom & enhancements, encrypted and open format that is easy to export to network, DVD/CD/USB

Audio Channels: 5 line-level synched to video, 1 two-way audio, selectable compression methods, G.723.1 compression achieves voice quality at 6.3 kbps bit rate, or higher quality compression and live remote audio monitoring

Analog Monitor Out: RCA-terminated NTSC or PAL analog spot monitor output; event-driven video switcher functionality, selectable rotation with dwell time, controlled/overridden by time/VMD/alarm input or remote control

Alarms/ Relays: 4 (NO/NC)/4 relay switch outputs; programmable event driven, programmable to optimize frame rate on sensor input, PTZ preset association to sensor input. Video motion detection, video loss, record failure, and power loss association to relay. Local and remote relay activation and control

Data & Peripheral Connectivity: Integrated PTZ RS422/485 or 1 RS232, 8 USB ports for additional devices, 1 parallel/printer, 1 VGA out, 1 speaker/line-out, 1 headphone (front)

Network Interface: Ethernet: RJ-45 10/100/1000. Server bandwidth throttle, DHCP enabled; centralized time server synchronization across all servers

Recording Modes: Continuous, schedule, motion (full view or masked with sensitivity control), event driven with multiple camera association, pre and post alarm recording, covert, selectable event & camera days archive retention

Video Streaming: Advanced concrypted (compressed & 128 bit AES encrypted), multi-channel independent streaming, tri-plex on remote for simultaneous live, VOD/Playback, and archive. Unique full quality video stream achieved by adaptive frame skipping for low bandwidth networks

Video Storage: 1 high capacity HDD. 250 GB –1 TB storage. Innovative HD dampening SMART III. 7200 RPM SATA, automated Net-backup server compatible, HDD % full notification.

Audit/Event Log: Setup, startup, shutdown, restart, reset, sensors, HDD fail, video loss, record start & stop, system service, date/time change, upgrade, network change, video error

Fault Tolerant Systems: Auto HDD recovery – system automatically re-images after improper shutdown or error detected, hardware watchdog, HyperCool thermal-management, brown out tolerant power supply, XP Embedded hardened OS, enterprise class HDD 1.2 million MTBF @ 100% duty cycle for the 500 GB HDD and above capacities

Server App, OS, API & Integration: DIGIOP Hybrid Series 7 Server, multi-site remote management software suite, XP Embedded OS, full DIGIOP API compatibility, and DTM/POS capable

IT Platform: Customized Dell OptiPlex 755, 1.8 Ghz Intel E2160 Pentium Dual Core Processor, 1 GB RAM

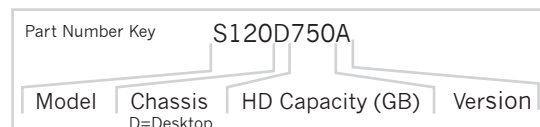
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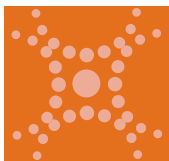
Weight: 23 lb. (10.4 kg) (depending on options installed)

Operating Temperatures: 10° to 95° F (10° - 35° C)

Safety & Certifications: TCO99, Blue Angel, Green PC, Energy Star, BSMI, C-TICK, CE, FCC, IRAM, NEMKO, NFPA99, SABS, SASO, TCO, TUV, UL, VCCI, USB 2.0, WEEE

Power Supply: 280W, 76% power efficiency, 956 BTU/hr. heat dissipation (not including peripherals), manual selection power supplies: 100 to 120 V at 50/60 Hz; 200 to 240 V at 50/60 Hz





Specification Sheet - DIGIOP S240



S240 Digital Surveillance Management System Rack Mountable Tower†

32 Channel Hybrid	S240T750C	S240T1500C	S240T3000C	H240T3000C
Hard Drive Configurations:	750 GB	1.5 TB	3 TB	4 TB
Estimated Archive Capacity*(Days):	60	120	240	350
Video/Audio Channels: 32/16 + Two-way Audio				
Record Rate @ CIF, 2CIF, 4CIF: 240, 240, 120				
Inputs/Relay: 4/4 + PTZ				

The DIGIOP S240 32 Channel Hybrid DVR bridges the gap between Analog and IP video and future proofs your security investment. Up to 32 channels of analog or IP video in any combination is recorded, managed, and viewed seamlessly, in one GUI, and in one place.

The DIGIOP S240 delivers key functionality and state of the art capabilities in a rack-mountable chassis as shown above with a powerful Intel multi-core processor. As with the entire DIGIOP G3 platform, it can seamlessly integrate with other systems. The S240 is easy to install, use, and maintain.

Included with each DIGIOP S240 is the DIGIOP Remote Manager, which will enable a user to manage, upgrade, and monitor the S240 as either a stand alone workstation or enterprise surveillance system. By combining DIGIOP's award winning surveillance management software with hybrid IP capability, we have created an open surveillance platform unparalleled in capabilities, quality, and value.

Superior Technology & Capabilities

- Faster record rates, longer archive capabilities
- Better video and audio fidelity through the use of DIGIOP's leading compression, storage, and streaming technology
- Advanced Intel Core-2-Duo micro-architecture with abundant processing power for future expandability
- Open Platform with Full featured API for easy 3rd party integration
- 32 Channel Hybrid, expandable with IP upgrade packs

Proven Reliability & Quality

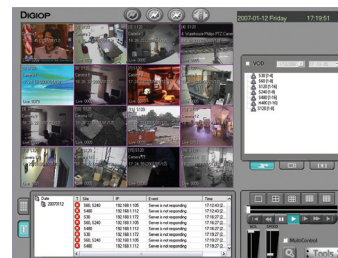
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Consistent Availability

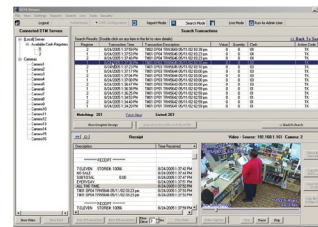
- The DIGIOP Tower Series of surveillance management systems will be built for stock for rapid order fulfillment
- Through order fulfillment partners, these systems will be available for next business day delivery

Value

- The DIGIOP Tower Series has been priced to be the hands down value leader within the competitive digital surveillance industry
- With one of the industry's broadest product lines, a DIGIOP surveillance system can be found to meet the needs of not only the smallest installations but the most complex
- The DIGIOP Tower Series has combined leading technology, unmatched quality and reliability, availability, and a best in class service model with aggressive pricing to create a new standard in the surveillance industry



DIGIOP Remote Manager (Included)



DIGIOP POS Transaction Manager (Optional)

*Storage estimation is based on 25% motion, 1CIF at 500kbps/30ips bitrate. Actual days storage may vary greatly depending on cameras, compression used, scene complexity, and image quality settings. JPEG IP cameras will reduce archive capacity by 3-5 times or more.

†Rack mountable with additional hardware, not included.



Description: The DIGIOP S240 DVR is a 32-channel video and 16-channel audio IP-networked digital video recorder which records up to 240 images-per-second of analog or IP video. It is designed for mid to large camera installations which require up to 32 channels of video and audio. It provides enterprise features, quality, and interoperability in a rack-mountable chassis that is easy-to-install, use, and maintain. It can operate as a fully integrated networked system or as a stand-alone workstation with an intuitive mouse driven graphical user interface.

Video Recording: Enhanced MPEG 4 compression with motion & noise discrimination, individually selectable camera frame rate and resolution. Up to 30 ips per camera. Max Resolution 720x480

NTSC: 240 ips across 32 inputs (7.5 ips per camera) @ CIF & 2 CIF, 120 ips @ 4 CIF

PAL: 200 ips across 32 inputs (6.25 ips per camera) @ CIF & 2 CIF, and 80 ips @ 4 CIF

Playback: Fully synchronized multi-channel playback, advanced image post processing, smart search, selectable de-interlacing, 24hr intelli-search, selectable event playback, digital zoom & enhancements, encrypted and open format that is easy to export to network, DVD/CD/USB

Audio Channels: 16 line-level synched to video, 1 two-way audio, selectable compression methods, G.723.1 compression achieves voice quality 6.3 kbps bit rate, or higher quality raw compression and live remote audio monitoring

Analog Monitor Out: RCA-terminated NTSC or PAL analog spot monitor output; event-driven video switcher functionality, selectable rotation with dwell time, controlled/overridden by time/VMD/alarm input or remote control

Alarms/ Relays: 4 (NO/NC)/4 relay switch outputs; programmable event driven, programmable to optimize frame rate on sensor input, PTZ preset association to sensor input. Video motion detection, video loss, record failure, and power loss association to relay. Local and remote relay activation and control

Data & Peripheral Connectivity: Integrated PTZ RS422/485 or 1 RS232, 8 USB ports for additional devices, 1 parallel/printer, 2 VGA out, 1 speaker/line-out, 1 headphone (front)

Network Interface: Ethernet: RJ-45 10/100/1000. Server bandwidth throttle, DHCP enabled; centralized time server synchronization across all servers

Recording Modes: Continuous, schedule, motion (full view or masked with sensitivity control), event driven with multiple camera association, pre and post alarm recording, covert, selectable event & camera days archive retention

Video Streaming: Advanced concrypted (compressed & 128 bit AES encrypted), multi-channel independent streaming, tri-plex on remote for simultaneous live, VOD/Playback, and archive. Unique full quality video stream achieved by adaptive frame skipping for low bandwidth networks

Video Storage: Up to 4 high capacity HDDs. 500 GB – 4 TB storage. SMART III. 7200 RPM SATA, automated Net-backup server compatible, HDD % full notification

Audit/Event Log: Setup, startup, shutdown, restart, reset, sensors, HDD fail, video loss, record start & stop, system service, date/time change, upgrade, network change, video error

Fault Tolerant Systems: Auto HDD recovery – system automatically re-images after improper shutdown or error detected, hardware watchdog, XP Embedded hardened OS, enterprise class HDD 1.2 million MTBF @ 100% duty cycle at 500 GB HDD and above capacities

Server App, OS, API & Integration: DIGIOP Hybrid Series 7 Server, multi-site remote management software suite, XP Embedded OS, full DIGIOP API compatibility, and DTM/POS capable

IT Platform: Customized Dell T3400, 2.2 Ghz Intel E4500 Core 2 Duo Processor, 2 GB RAM

Dimensions (HxWxD): 17.6"x6.8"x18.4" (44.7cm x17.1cm x46.8cm)

Weight: 39 lbs (17.7 kg) (depending on options installed)

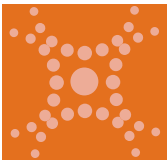
Operating Temperatures: 50° to 95°F (10°-35°C)

Safety & Certifications: TCO99, Blue Angel, Green PC, Energy Star, BSMI, C-TICK, CE, FCC, IRAM, NEMKO, NFPA99, SABS, SASO, TCO, TUV, UL, VCCI, USB 2.0, WEEE, ROHS

Power Supply: 375W, 76% power efficiency, 1279 BTU/hr. heat dissipation (not including peripherals), manual selection power supplies: 90 to 135 V at 50/60 Hz; 180 to 265 V at 50/60Hz

Part Number Key			
Model	Chassis	HD Capacity (GB)	Version
	T= Tower		





Specification Sheet - DIGIOP S480



S480 Digital Surveillance Management System

Rack Mountable Tower†

	S480T750C	S480T1500C	S480T3000C	S480T4000C
16 Channel Hybrid				
Hard Drive Configurations:	750 GB	1.5 TB	3 TB	4 TB
Estimated Archive Capacity*(Days):	30	60	120	175
Video/Audio Channels: 16/16+ Two-way Audio				
Record Rate @ CIF, 2CIF, 4CIF: 480, 240, 120				
Inputs/Relay: 4/4+PTZ				

The DIGIOP S480 DVR has been specifically designed as a high-performance surveillance management solution for large retail stores, correctional institutions, manufacturing facilities, schools, banks, corporate facilities or similar locations that require a full-featured, real-time recording of up to 16 video and audio channels. The DIGIOP S480 is shipped with integrated POS Software which can be easily unlocked via software key to create the perfect loss prevention solution.

The DIGIOP S480 delivers key functionality and state-of-the-art capabilities in a rack-mountable chassis with a powerful Intel multi-core processor. It can be configured to provide more than 2 months of real-time high quality video and audio. As with the entire DIGIOP platform, it can seamlessly integrate with other systems. The S480 is easy to install, use, and maintain.

Included with each DIGIOP S480 is the DIGIOP Remote Manager, which will enable a user to manage, upgrade, and monitor the S480 as either a stand-alone workstation or enterprise surveillance system. By combining DIGIOP's award-winning surveillance management software and hardware with Dell's highly reliable IT platform, we have created an open surveillance platform unparalleled in capabilities, quality, and value.

Superior Technology & Capabilities

- Faster record rates, longer archive capabilities
- Better video and audio fidelity through the use of DIGIOP's leading compression, storage, and streaming technology
- Advanced Intel Core-2-Duo micro-architecture with abundant processing power for future expandability
- Open Platform with Full featured API for easy 3rd party integration
- 16 Channel Hybrid, expandable with IP upgrade packs

Proven Reliability & Quality

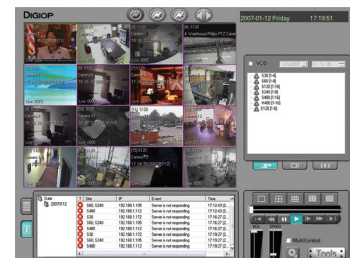
- NEW! Now manufactured by Dell, a world leader in the production of computing platforms
- ISO 9001:2000 manufacturing environment
- Chosen by many Fortune 1000 companies around the world as their digital surveillance platform

Consistent Availability

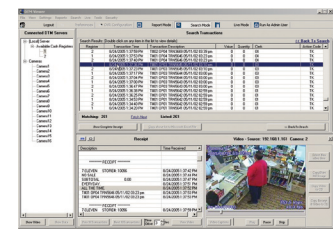
- The DIGIOP Tower Series of surveillance management systems will be built for stock for rapid order fulfillment
- Through order fulfillment partners, these systems will be available for next business day delivery

Value

- The DIGIOP Tower Series has been priced to be the hands down value leader within the competitive digital surveillance industry
- With one of the industry's broadest product lines, a DIGIOP surveillance system can be found to meet the needs of not only the smallest installations but the most complex
- The DIGIOP Tower Series has combined leading technology, unmatched quality and reliability, availability, and a best in class service model with aggressive pricing to create a new standard in the surveillance industry



DIGIOP Remote Manager (Included)



DIGIOP POS Transaction Manager (Optional)

*Storage estimation is based on 25% motion, 1CIF at 500kbps/30ips bitrate. Actual days storage may vary greatly depending on cameras, compression used, scene complexity, and image quality settings. JPEG IP cameras will reduce archive capacity by 3-5 times or more.
†Rack mountable with additional hardware, not included.



Description: The DIGIOP S480 DVR is a 16-channel video and audio IP-networked digital video recorder which records up to 480 images-per-second. It is designed for mid-sized camera installations which require real-time recording and a 1:1 video to audio ratio. It provides enterprise features, quality, and interoperability in a rack-mountable chassis that is easy-to-install, use, and maintain. It can operate as a fully integrated networked system or as a stand-alone workstation with an intuitive mouse driven graphical user interface.

Video Recording: Enhanced MPEG 4 compression with motion & noise discrimination, individually selectable camera frame rate and resolution. Up to 30 ips per camera. Max Resolution 720x480

NTSC: 480 ips across 16 inputs (30 ips per camera) 480 @ CIF; 240 ips @ 2 CIF; 120 ips @ 4CIF

PAL: 400 ips across 16 inputs (25 ips per camera) 400 @ CIF; 200 ips @ 2 CIF; 100 ips @ 4CIF

Playback: Fully synchronized multi-channel playback, advanced image post processing, smart search, selectable de-interlacing, 24hr intelli-search, selectable event playback, digital zoom & enhancements, encrypted and open format which is easy to export to network, DVD/CD/USB

Audio Channels: 16 line-level synched to video, 1 two-way audio, selectable compression methods, G.723.1 compression achieves voice quality 6.3 kbps bitrate, or high quality raw compression and live remote audio monitoring

Analog Monitor Out: Multi-screen RCA-terminated NTSC or PAL analog monitor output; event-driven video switcher functionality, selectable rotation with dwell time, controlled/overridden by time/VMD/alarm input or remote control

Alarms/ Relays: 4 (NO/NC) / 4 relay switch outputs; programmable event driven, programmable to optimize frame rate on sensor input, PTZ preset association to sensor input. Video motion detection, video loss, record failure, and power loss association to relay. Local and remote relay activation and control

Data & Peripheral Connectivity: Integrated PTZ RS422/485 or 1RS232, 8 USB ports for additional devices, 1 parallel/printer, 1 VGA out, 1 speakers/line-out, 1 headphone (front)

Network Interface: Ethernet: RJ-45 10/100/1000. Server bandwidth throttle, DHCP enabled; centralized time server synchronization across all servers

Recording Modes: Continuous, schedule, motion (full view or masked with sensitivity control), event driven with multiple camera association, pre and post alarm recording, covert, selectable event & camera days archive retention

Video Streaming: Advanced concrypted (compressed & 128 bit AES encrypted), multi-channel independent streaming, tri-plex on remote for simultaneous live, VOD/Playback, and archive. Unique full quality video stream achieved by adaptive frame skipping for low bandwidth networks

Video Storage: Up to 4 high capacity HDDs. 500 GB – 4 TB storage. SMART III. 7200 RPM SATA, automated Net-backup server compatible, HDD % full notification

Audit/Event Log: Setup, startup, shutdown, restart, reset, sensors, HDD fail, video loss, record start & stop, system service, date/time change, upgrade, network change, video error

Fault Tolerant Systems: Auto HDD recovery – system automatically re-images after improper shutdown or error detected, hardware watchdog, HyperCool thermal-management, brown out tolerant power supply, XP Embedded hardened OS, enterprise class HDD 1.2 million MTBF @ 100% duty cycle at 500 GB HDD and above capacities

Server App, OS, API & Integration: DIGIOP Hybrid Series 7 Server, multi-site remote management software suite, XP Embedded OS, full DIGIOP API compatibility, and DTM/POS capable

IT Platform: Customized Dell T3400, 2.2 Ghz Intel E4500 Core 2 Duo Processor, 2 GB RAM

Dimensions (HxWxD): 17.6"x6.8"x18.4" (44.7cm x17.1cm x46.8cm)

Weight: 39 lbs. (17.7 kg) (depending on options installed)

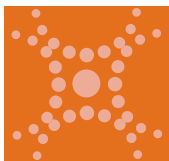
Operating Temperatures: 50° to 95°F (10°-35°C)

Safety & Certifications: TCO99, Blue Angel, Green PC, Energy Star, BSMI, C-TICK, CE, FCC, IRAM, NEMKO, NFPA99, SABS, SASO, TCO, TUV, UL, VCCI, USB 2.0, WEEE

Power Supply: 375W, 76% power efficiency, 1279 BTU/hr. heat dissipation (not including peripherals) , manual selection power supplies: 90 to 135 V at 50/60 Hz; 180 to 265 V at 50/60Hz

Part Number Key			
Model	Chassis T= Tower	HD Capacity (GB)	Version
S480	T	1500C	





Specification Sheet - DIGIOP H480



H480 Digital Surveillance Management System

Rack Mountable Tower†

	H480T1000C	H480T2000C	H480T3000C	H480T4000C
16 Channel Hybrid				
Hard Drive Configurations:	1 TB	2 TB	3 TB	4 TB
Estimated Archive Capacity*(Days):	45	90	135	170
Video/Audio Channels:	16/16+ Two-way Audio			
Record Rate @ CIF, 2CIF, 4CIF:	480, 480, 240			
Inputs/Relay:	4/2+PTZ			

The DIGIOP H480 DVR delivers the ultimate in high fidelity real-time recording using advanced H.264 hardware compression. It has been specifically designed for those who require the best. Twice the performance, twice the frame rate, and twice the resolution, as compared to DIGIOP S-Class and competing DVRs. This System benefits high value applications such as casinos, money counting, correctional, military, governmental, and other similar demanding applications.

The DIGIOP H480 delivers superior functionality and state-of-the-art capabilities in a rack-mountable chassis as shown above with a powerful Intel multi-core processor. As with the entire DIGIOP G3 platform, it can seamlessly integrate with other systems. The G3 H480 is easy-to-install, use, and maintain.

Included with each DIGIOP H480 is the DIGIOP Remote Manager, which will enable a user to manage, upgrade, and monitor the H480 as either a stand-alone workstation or enterprise surveillance system. By combining DIGIOP's award-winning surveillance management software and hardware with Dell's highly reliable IT platform, we have created an open surveillance platform unparalleled in capabilities, quality, and value.

Superior Technology & Capabilities

- Hardware based encoding using Texas Instruments Digital Signal Processors (DSP) and Intel Core 2 Duo processor provides massive computing power.
- Faster record rates, longer archive capabilities
- Better video and audio fidelity through the use of DIGIOP's leading compression, storage, and streaming technology
- Open Platform with Full featured API for easy 3rd party integration
- 16 Channel Hybrid, expandable with IP upgrade packs

Proven Reliability & Quality

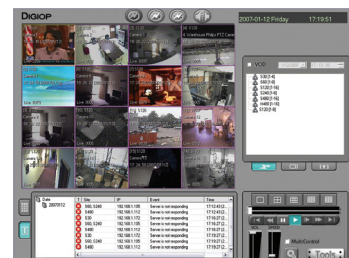
- NEW! Now manufactured by Dell, a world leader in the production of computing platforms
- ISO 9001:2000 manufacturing environment
- Chosen by many Fortune 1000 companies around the world as their digital surveillance platform

Consistent Availability

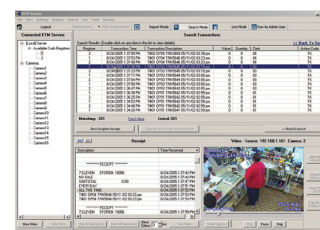
- The DIGIOP Tower Series of surveillance management systems will be built for stock for rapid order fulfillment
- Through order fulfillment partners, these systems will be available for next business day delivery

Value

- The DIGIOP Tower Series has been priced to be the hands down value leader within the competitive digital surveillance industry
- With one of the industry's broadest product lines, a DIGIOP surveillance system can be found to meet the needs of not only the smallest installations but the most complex
- The DIGIOP Tower Series has combined leading technology, unmatched quality and reliability, availability, and a best in class service model with aggressive pricing to create a new standard in the surveillance industry



DIGIOP Remote Manager (Included)



DIGIOP POS Transaction Manager (Optional)

*Storage estimation is based on 25% motion, 1CIF at 500kbps/30ips bitrate. Actual days storage may vary greatly depending on cameras, compression used, scene complexity, and image quality settings. JPEG IP cameras will reduce archive capacity by 3-5 times or more.
†Rack mountable with additional hardware, not included.



H480 SPECIFICATIONS

Description: The DIGIOP H480 DVR is a 16-channel video and audio IP-networked digital video recorder which records up to 480 images-per-second using advanced DSP hardware compression for superior sustained real-time record rates. Four Texas Instruments DSPs do the encoding leaving the Intel E4500 Core 2 duo processor for other tasks such as IP Camera recording. It is designed for demanding installations which require real-time recording at DVD quality and a 1:1 video to audio ratio. It provides enterprise features, quality, and interoperability in a rack-mountable chassis that is easy-to-install, use, and maintain. It can operate as a fully integrated networked system or as a stand-alone workstation with an intuitive mouse driven graphical user interface.

Video Recording: Modified H.264 hardware compression with advanced motion detection using 4 Texas Instruments DSP encoder engines, individually selectable camera resolution and frame rate. Up to 30 ips per camera. Max resolution 720x480

NTSC: 480 ips across 16 inputs (30 ips per camera) @ CIF & 2 CIF, 240 ips @ 4CIF

PAL: 400 ips across 16 inputs (25 ips per camera) @ CIF & 2 CIF, 200 ips @ 4 CIF

Playback: Fully synchronized multi-channel playback, advanced image post processing, smart search, selectable de-interlacing, 24hr intelli-search, selectable event playback, digital zoom & enhancements, encrypted and open format which is easy to export to network, DVD/CD/USB

Audio Channels: 16 line-level synched to video, 1 two-way audio, advanced Ogg Vorbis based compression achieves high quality at 6 kbps bit rate, and live remote audio monitoring

Analog Monitor Out: None (optional multi-screen analog monitor out)

Alarms/ Relays: 4 (NO/NC) / 2 relay switch outputs; programmable event driven, programmable optimized frame rate on sensor input, PTZ preset association to sensor input. Video motion detection, video loss, record failure, and power loss association to relay. Local and remote relay activation and control

Data & Peripheral Connectivity: Integrated PTZ RS485 or 1 RS232, 8 USB ports for additional devices, 1 parallel/printer, 2 VGA out, 1 speaker/line-out, 1 headphone (front)

Network Interface: Ethernet: RJ-45 10/100/1000. Server bandwidth throttle, DHCP enabled; centralized time server synchronization across all servers

Recording Modes: Continuous, schedule, motion (full view or masked with sensitivity control), event driven with multiple camera association, pre and post alarm recording, covert, selectable event & camera days archive retention

Video Streaming: Advanced concrypted (compressed & 128 bit AES encrypted), multi-channel independent streaming, tri-plex on remote for simultaneous live, VOD/Playback, and archive. Unique full quality video stream achieved by adaptive frame skipping for low bandwidth networks

Video Storage: Up to 4 high capacity HDDs. 500 GB – 4 TB storage. SMART III, 7200 RPM SATA, automated Net-backup server compatible, HDD % full notification

Audit/Event Log: Setup, startup, shutdown, restart, reset, sensors, HDD fail, video loss, record start & stop, system service, date/time change, upgrade, network change, video error

Fault Tolerant Systems: Auto HDD recovery – system automatically re-images after improper shutdown or error detected, hardware watchdog, HyperCool thermal-management, brown out tolerant power supply, XP Embedded hardened OS, enterprise class HDD 1.2 million MTBF @ 100% duty cycle at 500 GB HDD and above capacities

Server App, OS, API & Integration: DIGIOP Hybrid Series 7 Server, multi-site remote management software suite, XP Embedded OS, full DIGIOP API compatibility, and DTM/POS capable

IT Platform: Customized Dell T3400, 2.2 Ghz Intel E4500 Core 2 Duo Processor, 2 GB RAM

Dimensions (HxWxD): 17.6"x6.8"x18.4" (44.7cm x17.1cm x46.8cm)

Weight: 39 lbs. (17.7 kg) (depending on options installed)

Operating Temperatures: 50° to 95°F (10°-35°C)

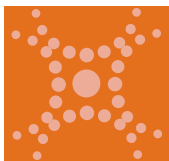
Safety & Certifications: TCO99, Blue Angel, Green PC, Energy Star, BSMI, C-TICK, CE, FCC, IRAM, NEMKO, NFPA99, SABS, SASO, TCO, TUV, UL, VCCI, USB 2.0, WEEE

Power Supply: 375 W, 76% power efficiency, 1279 BTU/hr. heat dissipation (not including peripherals) , manual selection power supplies: 90 to 135 V at 50/60 Hz; 180 to 265 V at 50/60 Hz

Part Number Key			
H480T1000C			
Model	Chassis	HD Capacity (GB)	Version
	T= Tower		



www.digiop.com



Specification Sheet - DIGIOP H960



H960 Digital Surveillance Management System

Rack Mountable Tower†

	H960T1000C	H960T2000C	H960T3000C	H960T4000C
32 Channel Hybrid				
Hard Drive Configurations:	1 TB	2 TB	3 TB	4 TB
Estimated Archive Capacity*(Days):	22	45	67	100
Video/Audio Channels: 32/8+ Two-way Audio				
Record Rate @ CIF, 2CIF, 4CIF: 960, 960, 480				
Inputs/Relay: 4/2+PTZ				

The DIGIOP H960 32 Channel Hybrid DVR bridges the gap between Analog and IP video and future proofs your security investment. Up to 32 channels of analog or IP video in any combination is recorded, managed, and viewed seamlessly in one GUI, and in one place.

The DIGIOP H960 delivers key functionality and state of the art capabilities in a rack mountable chassis as shown above with a powerful Intel multi-core processor. As with the entire DIGIOP platform, it can seamlessly integrate with other systems. The H960 is easy to install, use, and maintain.

Included with each DIGIOP H960 is the DIGIOP Remote Manager, which will enable a user to manage, upgrade, and monitor the H960 as either a stand alone workstation or enterprise surveillance system. By combining DIGIOP's award winning surveillance management software with hybrid IP capability, we have created a surveillance platform unparalleled in capabilities, quality, and value.

Superior Technology & Capabilities

- Faster record rates, longer archive capabilities
- Better video and audio fidelity through the use of DIGIOP's leading compression, storage, and streaming technology
- Advanced Core 2 Duo micro-architecture with abundant processing power for future expandability
- Open Platform with Full featured API for easy 3rd party integration
- 32 Channel Hybrid

Proven Reliability & Quality

- NEW! Now manufactured by Dell, a world leader in the production of computing platforms
- ISO 9001:2000 manufacturing environment
- Chosen by many Fortune 1000 companies around the world as their digital surveillance platform

Consistent Availability

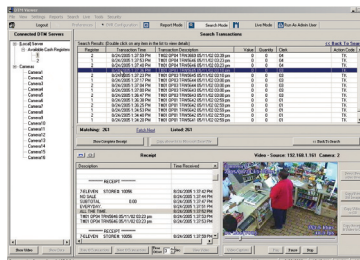
- The DIGIOP Tower Series of surveillance management systems will be built for stock for rapid order fulfillment
- Through order fulfillment partners, these systems will be available for next business day delivery

Value

- The DIGIOP Tower series has been priced to be the hands down value leader within the competitive digital surveillance industry
- With one of the industry's broadest product lines, a DIGIOP surveillance system can be found to meet the needs of not only the smallest installations but the most complex



DIGIOP Remote Manager (Included)



DIGIOP POS Transaction Manager (Optional)

*Storage estimation is based on 25% motion, 1CIF at 500kbps/30ips bitrate. Actual days storage may vary greatly depending on cameras, compression used, scene complexity, and image quality settings. JPEG IP cameras will reduce archive capacity by 3-5 times or more.
†Rack mountable with additional hardware, not included.



Description: The DIGIOP H960 DVR is a 32-channel video and 8-channel audio IP-networked digital video recorder which records up to 960 images-per-second of analog video or up to 32 channels of IP video. It is designed for mid to large camera installations which require real-time recording and up to 32 channels of video and audio. It provides enterprise features, quality, and interoperability in a rack-mountable chassis that is easy-to-install, use, and maintain. It can operate as a fully integrated networked system or as a stand-alone workstation with an intuitive mouse driven graphical user interface.

Video Recording: Modified H.264 hardware compression with advanced motion detection using 4 Texas Instruments DSP encoder engines, individually selectable camera resolution and frame rate. Up to 30 ips per camera. Max resolution 720x480

NTSC: 960 ips across 32 inputs (30 ips per camera) @ CIF & 2 CIF, 480 ips @ 4 CIF

PAL: 800 ips across 32 inputs (25 ips per camera) @ CIF & 2 CIF, and 400 ips @ 4 CIF

Playback: Fully synchronized multi-channel playback, advanced image post processing, smart search, selectable de-interlacing, 24hr intelli-search, selectable event playback, digital zoom & enhancements, encrypted and open format easy export to network, DVD/CD/USB

Audio Channels: 8 line-level synched to video, 1 two-way audio, advanced Ogg Vorbis based compression achieves high quality at 6 kbps bit rate, and live remote audio monitoring

Analog Monitor Out: None (optional multi-screen analog monitor out)

Alarms/ Relays: 4 (NO/NC)/2 relay switch outputs; programmable event driven, programmable optimize frame rate on sensor input, PTZ preset association to sensor input. Video motion detection, video loss, record failure, and power loss association to relay. Local and remote relay activation and control

Data & Peripheral Connectivity: Integrated PTZ RS485 or 1 RS232, 8 USB ports for additional devices, 1 parallel/printer, 2 VGA out, 1 speaker/line-out

Network Interface: Ethernet: RJ-45 10/100/1000. Server bandwidth throttle, DHCP enabled; centralized time server synchronization across all servers

Recording Modes: Continuous, schedule, motion (full view or masked with sensitivity control), event driven with multiple camera association, pre and post alarm recording, covert, selectable event & camera days archive retention

Video Streaming: Advanced concrypted (compressed & 128 bit AES encrypted), multi-channel independent streaming, tri-plex on remote for simultaneous live, VOD/Playback, and archive. Unique full quality video stream achieved by adaptive frame skipping for low bandwidth networks

Video Storage: Up to 4 high capacity HDDs. 500 GB – 4 TB storage. SMART III, 7200 RPM SATA, automated Net-backup server compatible, HDD % full notification

Audit/Event Log: Setup, startup, shutdown, restart, reset, sensors, HDD fail, video loss, record start & stop, system service, date/time change, upgrade, network change, video error

Fault Tolerant Systems: Auto HDD recovery – system automatically re-images after improper shutdown or error detected, hardware watchdog, XP Embedded hardened OS, enterprise class HDD 1.2 million MTBF @ 100% duty cycle at 500 GB HDD and above capacities

Server App, OS, API & Integration: DIGIOP Hybrid Series 7 Server, multi-site remote management software suite, XP Embedded OS, full DIGIOP API compatibility, and DTM/POS capable

IT Platform: Customized Dell T3400, 2.2 Ghz Intel E4500 Core 2 Duo Processor, 2 GB RAM

Dimensions (HxWxD): 17.6"x6.8"x18.4" (44.7cm x17.1cm x46.8cm)

Weight: 39 lbs. (17.7 kg) (depending on options installed)

Operating Temperatures: 50° to 95°F (10°-35°C)

Safety & Certifications: TCO99, Blue Angel, Green PC, Energy Star, BSMI, C-TICK, CE, FCC, IRAM, NEMKO, NFPA99, SABS, SASO, TCO, TUV, UL, VCCI, USB 2.0, WEEE

Power Supply: 375W, 76% power efficiency, 1279 BTU/hr. heat dissipation (not including peripherals), manual selection power supplies: 90 to 135 V at 50/60 Hz; 180 to 265 V at 50/60Hz

Part Number Key			
H960T2000C			
Model	Chassis	HD Capacity (GB)	Version
	T=Tower		



The DIGIOP S.M.A.R.T. Retail series identifies events at the register that correlate to loss, track and calculate the effectiveness of product displays, monitor unauthorized door access, detect suspicious people or vehicles loitering in the parking lot, and count store traffic, monitor customer migration routes and checkout queues to optimize staffing, in-store merchandising and inventory control:

- Create a complete end-to-end bundled solution for business intelligence from best in class providers into one seamless installation, management and invoice.
- Total Solution for Surveillance Intelligence.
Includes server, software, analytics, camera/audio monitoring, storage, installation and Internet technology that enable insight and on-demand control of retail business from single store visibility to chain-wide scalability for anytime, any place decision making from any Internet-enabled computing device.

Seamless Integration

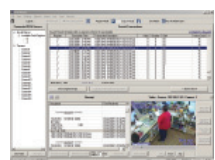
- Integrate analog camera systems with IP cameras into a single platform with new analytic business intelligence technology by Object Video onto a secure Windows-based open architecture for ease of deployment and customization. This allows retailers to cost effectively expand and upgrade their current systems and future-proof their security surveillance investments.
- Hybrid surveillance installation in parallel with existing infrastructure for non-disruption of current operations and unmatched low total cost of ownership.
- Full surveillance information platform integrating into retailers' customer service and point of sale systems to address four significant areas critical to retail success: Risk Management, Loss Prevention, Business Intelligence and Surveillance for one store to enterprise-wide views from one dashboard.

SR30 Digital Surveillance Management System

Hybrid Ready	SR30D250A	SR30D500A	SR30D750A	SR30D1000A	
Hard Drive Configurations:	250GB	500GB	750GB	1TB	
Estimated Archive Capacity*(Days):	160	320	470	630	
Video/Audio Channels:	4/1+ Two-way Audio				
Record Rate @ CIF, 2CIF, 4CIF:	30, 30, 15				
Inputs/Relay:	4/4+PTZ				



DIGIOP Remote Manager (Included)



DIGIOP POS Transaction Manager (Optional)

The New DIGIOP S.M.A.R.T. Retail G3 SR30 DVR has been specifically designed as a complete surveillance management solution for small retail stores, restaurants, and offices or similar locations that do not require more than an entry level four-camera system. The SR30 is shipped with integrated POS Software and business intelligence analytics which can be easily unlocked via software key to create the perfect loss prevention solution.

The G3 SR30 delivers key functionality of higher end systems in a compact desktop chassis as shown above. It can be configured to provide more than 6 months of DVD quality video. As with the entire DIGIOP G3 platform, the SR30 is easy-to-install, use, and maintain.

Included with each G3 SR30 is the DIGIOP Remote Manager, which will enable a user to manage, upgrade, and monitor the SR30 as either a stand-alone workstation or enterprise surveillance system. By combining DIGIOP's award-winning surveillance management software and hardware with Dell's highly reliable IT platform, we have created an open surveillance platform unparalleled in capabilities, quality, and value.

Loss Prevention

THE DIGIOP SMART RETAIL WITH OBJECT VIDEO ON BOARD technology can be used to look for several behaviors indicative of customer or employee shrinkage events:

- Left packages outside the back exit
- Personal vehicles in loading docks
- Extended loitering within store
- Stopped/loitering vehicles
- Entry to a "returns" line from within the store
- Person running out of store/sudden exit
- Stockroom/warehouse inventory monitoring
- High theft item monitoring
- Objects removed from shipping/receiving areas
- Unauthorized access to counter/display areas

BUSINESS INTELLIGENCE

The DIGIOP S.M.A.R.T. Retail intelligence can generate business data about each object that moves through a store which can be used for merchandising or real-time event and customer counting.

- High value or promotional item monitoring
- Display/shelf space effectiveness (comparison of normal traffic patterns to people who stop in front of a particular product or display)
- People counting (in and out of store; into promotional areas)
- Vehicle counting for parking lots and garages
- Forensics analysis of data to determine trends and patterns of customer behavior
- Syncing all data into point of sale systems and integrating results into a web enabled management dashboard for real time and on demand business decisions.



People Counting



Loitering Monitoring

SPECIFICATIONS

SR30

Description: The DIGIOP S30 DVR is a 4-channel video and 1-channel audio IP-networked digital video recorder which records up to 30 images-per-second. It is designed for small camera installations which do not require real-time recording. It provides enterprise features, quality, and interoperability in a compact desktop platform that is easy to install, use, and maintain. It can operate as a fully integrated networked system or as a stand-alone workstation with an intuitive mouse driven graphical user interface.

Video Recording: Enhanced MPEG 4 compression with motion & noise discrimination, individually selectable camera frame rate and resolution. Up to 30 ips per camera. Max Resolution 720x480

NTSC: 30 ips across 4 inputs (7.5 ips per camera) @ CIF & 2 CIF, 15 ips @ 4 CIF

PAL: 25 ips across 4 inputs (6.25 ips per camera) @ CIF & 2 CIF, 13 ips @ 4 CIF

Playback: Fully synchronized multi-channel playback, advanced image post processing, smart search, selectable de-interlacing, 24hr intelli-search, selectable event playback, digital zoom & enhancements, encrypted and open format that is easy to export to network, DVD/CD/USB

Audio Channels: 1 line-level synched to video, 1 two-way audio, selectable compression methods, G.723.1 compression achieves voice quality at 6.3 kbps bitrate, MP3 FM & AM quality and live remote audio monitoring

Analog Monitor Out: RCA-terminated NTSC or PAL analog spot monitor output; event-driven video switcher functionality, selectable rotation with dwell time, controlled / overridden by time/VMD/alarm input or remote control

Alarms/ Relays: 4 (NO/NC) / 4 relay switch outputs; programmable event driven, programmable optimize frame rate on sensor input, PTZ preset association to sensor input. Video motion detection, video loss, record failure, and power loss association to relay. Local and remote relay activation and control

Data & Peripheral Connectivity: Integrated PTZ RS422/485 or 1 RS232, 8 USB ports for additional devices, 1 parallel/prINTER, 1 VGA out, 1 speaker/line-out, 1 headphone (front)

Network Interface: Ethernet: RJ-45 10/100/1000. Server bandwidth throttle, DHCP enabled; centralized time server synchronization across all servers

Recording Modes: Continuous, schedule, motion (full view or masked with sensitivity control), event driven with multiple camera association, pre and post alarm recording, covert, selectable event & camera days archive retention

Video Streaming: Advanced concripted (compressed & 128 bit AES encrypted), multi-channel independent streaming, tri-plex on remote for simultaneous live, VOD/Playback, and archive. Unique full quality video stream achieved by adaptive frame skipping for low bandwidth networks

Video Storage: 1 high capacity HDD 250 GB - 1 TB storage. Innovative HDD dampening, SMART III, 7200RPM SATA, automated Net-backup server compatible, HDD % full notification

Audit/Event Log: Setup, startup, shutdown, restart, reset, sensors, HDD fail, video loss, record start & stop, system service, date/time change, upgrade, network change, video error

Fault Tolerant Systems: Auto HDD recovery – system automatically re-images after improper shutdown or error detected, hardware watchdog, HyperCool thermal-management, brown out tolerant power supply, XP Embedded hardened OS, enterprise class HDD 1.2 million MTBF @ 100% duty cycle for the 500 GB HDD

Server App, OS, API & Integration: DIGIOP Hybrid Series 7 Server, multi-site remote management software suite, XP Embedded OS, full DIGIOP API compatibility, and DTM-POS/Video loss prevention, ECS capable

IT Platform: Customized Dell Optiplex 755, 2.4 Ghz Intel Q6600 Quad Core, 3 GB RAM

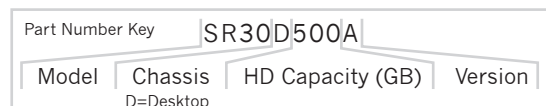
Dimensions (HxWxD): 4.5"x15.7"x13.9" (11.43cm x39.9 cm x35.3cm)

Weight: 23 lb. (10.4 kg) (depending on options installed)

Operating Temperatures: 10° to 95° F (10° - 35° C)

Safety & Certifications: TCO99, Blue Angel, Green PC, Energy Star, BSMI, C-TICK, CE, FCC, IRAM, NEMKO, NFPA99, SABS, SASO, TCO,TUV, UL, VCCI, USB 2.0, WEEE

Power Supply: 280 W, 76% power efficiency, 956 BTU/hr. heat dissipation (not including peripherals) , manual selection power supplies: 90 to 135 V at 50/60 Hz; 180 to 265 V at 50/60 Hz





The DIGIOP S.M.A.R.T. Retail series identifies events at the register that correlate to loss, track and calculate the effectiveness of product displays, monitor unauthorized door access, detect suspicious people or vehicles loitering in the parking lot, and count store traffic, monitor customer migration routes and checkout queues to optimize staffing, in-store merchandising and inventory control:

- Create a complete end-to-end bundled solution for business intelligence from best in class providers into one seamless installation, management and invoice.
- Total Solution for Surveillance Intelligence.
Includes server, software, analytics, camera/audio monitoring, storage, installation and Internet technology that enable insight and on-demand control of retail business from single store visibility to chain-wide scalability for anytime, any place decision making from any Internet-enabled computing device.

Seamless Integration

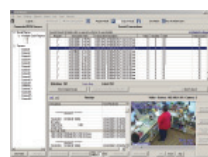
- Integrate analog camera systems with IP cameras into a single platform with new analytic business intelligence technology by Object Video onto a secure Windows-based open architecture for ease of deployment and customization. This allows retailers to cost effectively expand and upgrade their current systems and future-proof their security surveillance investments.
- Hybrid surveillance installation in parallel with existing infrastructure for non-disruption of current operations and unmatched low total cost of ownership.
- Full surveillance information platform integrating into retailers' customer service and point of sale systems to address four significant areas critical to retail success: Risk Management, Loss Prevention, Business Intelligence and Surveillance for one store to enterprise-wide views from one dashboard.

SR60 Digital Surveillance Management System

Hybrid Ready	SR60D250A	SR60D500A	SR60D750A	SR60D1000A	
Hard Drive Configurations:	250GB	500GB	750GB	1TB	
Estimated Archive Capacity*(Days):	80	160	240	320	
Video/Audio Channels:	8/1+ Two-way Audio				
Record Rate @ CIF, 2CIF, 4CIF:	60, 60, 30				
Inputs/Relay:	4/4+PTZ				



DIGIOP Remote Manager (Included)



DIGIOP POS Transaction Manager (Optional)

The New DIGIOP S.M.A.R.T. Retail G3 SR60 DVR has been specifically designed as a complete surveillance management solution for small retail stores, restaurants, and offices or similar locations that do not require more than an entry level four-camera system. The SR60 is shipped with integrated POS Software and business intelligence analytics which can be easily unlocked via software key to create the perfect loss prevention solution.

The G3 SR60 delivers key functionality of higher end systems in a compact desktop chassis as shown above. It can be configured to provide more than 6 months of DVD quality video. As with the entire DIGIOP G3 platform, the SR60 is easy-to-install, use, and maintain.

Included with each G3 SR60 is the DIGIOP Remote Manager, which will enable a user to manage, upgrade, and monitor the SR60 as either a stand-alone workstation or enterprise surveillance system. By combining DIGIOP's award-winning surveillance management software and hardware with Dell's highly reliable IT platform, we have created an open surveillance platform unparalleled in capabilities, quality, and value.

Loss Prevention

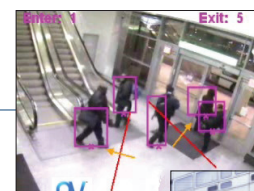
THE DIGIOP SMART RETAIL WITH OBJECT VIDEO ON BOARD technology can be used to look for several behaviors indicative of customer or employee shrinkage events:

- Left packages outside the back exit
- Personal vehicles in loading docks
- Extended loitering within store
- Stopped/loitering vehicles
- Entry to a "returns" line from within the store
- Person running out of store/sudden exit
- Stockroom/warehouse inventory monitoring
- High theft item monitoring
- Objects removed from shipping/receiving areas
- Unauthorized access to counter/display areas

BUSINESS INTELLIGENCE

The DIGIOP S.M.A.R.T. Retail intelligence can generate business data about each object that moves through a store which can be used for merchandising or real-time event and customer counting.

- High value or promotional item monitoring
- Display/shelf space effectiveness (comparison of normal traffic patterns to people who stop in front of a particular product or display)
- People counting (in and out of store; into promotional areas)
- Vehicle counting for parking lots and garages
- Forensics analysis of data to determine trends and patterns of customer behavior
- Syncing all data into point of sale systems and integrating results into a web enabled management dashboard for real time and on demand business decisions.



People Counting



Loitering Monitoring



DIGIOP
S.M.A.R.T. RETAIL

SPECIFICATIONS

SR60

Description: The DIGIOP S60 DVR is a 8-channel video and 1-channel audio IP-networked digital video recorder which records up to 30 images-per-second. It is designed for small camera installations which do not require real-time recording. It provides enterprise features, quality, and interoperability in a compact desktop platform that is easy to install, use, and maintain. It can operate as a fully integrated networked system or as a stand-alone workstation with an intuitive mouse driven graphical user interface.

Video Recording: Enhanced MPEG 4 compression with motion & noise discrimination, individually selectable camera frame rate and resolution. Up to 60 ips per camera. Max Resolution 720x480

NTSC: 60 ips across 8 inputs (7.5 ips per camera) @ CIF & 2 CIF, 7.5 ips @ 4 CIF

PAL: 55 ips across 8 inputs (6.875 ips per camera) @ CIF & 2 CIF, 13 ips @ 4 CIF

Playback: Fully synchronized multi-channel playback, advanced image post processing, smart search, selectable de-interlacing, 24hr intelli-search, selectable event playback, digital zoom & enhancements, encrypted and open format that is easy to export to network, DVD/CD/USB

Audio Channels: 1 line-level synched to video, 1 two-way audio, selectable compression methods, G.723.1 compression achieves voice quality at 6.3 kbps bitrate, MP3 FM & AM quality and live remote audio monitoring

Analog Monitor Out: RCA-terminated NTSC or PAL analog spot monitor output; event-driven video switcher functionality, selectable rotation with dwell time, controlled / overridden by time/VMD/alarm input or remote control

Alarms/ Relays: 4 (NO/NC) / 4 relay switch outputs; programmable event driven, programmable optimize frame rate on sensor input, PTZ preset association to sensor input. Video motion detection, video loss, record failure, and power loss association to relay. Local and remote relay activation and control

Data & Peripheral Connectivity: Integrated PTZ RS422/485 or 1 RS232, 8 USB ports for additional devices, 1 parallel/printer, 1 VGA out, 1 speaker/line-out, 1 headphone (front)

Network Interface: Ethernet: RJ-45 10/100/1000. Server bandwidth throttle, DHCP enabled; centralized time server synchronization across all servers

Recording Modes: Continuous, schedule, motion (full view or masked with sensitivity control), event driven with multiple camera association, pre and post alarm recording, covert, selectable event & camera days archive retention

Video Streaming: Advanced concrypted (compressed & 128 bit AES encrypted), multi-channel independent streaming, tri-plex on remote for simultaneous live, VOD/Playback, and archive. Unique full quality video stream achieved by adaptive frame skipping for low bandwidth networks

Video Storage: 1 high capacity HDD 250 GB - 1 TB storage. Innovative HDD dampening, SMART III, 7200RPM SATA, automated Net-backup server compatible, HDD % full notification

Audit/Event Log: Setup, startup, shutdown, restart, reset, sensors, HDD fail, video loss, record start & stop, system service, date/time change, upgrade, network change, video error

Fault Tolerant Systems: Auto HDD recovery – system automatically re-images after improper shutdown or error detected, hardware watchdog, HyperCool thermal-management, brown out tolerant power supply, XP Embedded hardened OS, enterprise class HDD 1.2 million MTBF @ 100% duty cycle for the 500 GB HDD

Server App, OS, API & Integration: DIGIOP Hybrid Series 7 Server, multi-site remote management software suite, XP Embedded OS, full DIGIOP API compatibility, and DTM-POS/Video loss prevention, ECS capable

IT Platform: Customized Dell Optiplex 755, 2.4 Ghz Intel Q6600 Quad Core, 3 GB RAM

Dimensions (HxWxD): 4.5"x15.7"x13.9" (11.43cm x39.9 cm x35.3cm)

Weight: 23 lb. (10.4 kg) (depending on options installed)

Operating Temperatures: 10° to 95° F (10° - 35° C)

Safety & Certifications: TCO99, Blue Angel, Green PC, Energy Star, BSMI, C-TICK, CE, FCC, IRAM, NEMKO, NFPA99, SABS, SASO, TCO,TUV, UL, VCCI, USB 2.0, WEEE

Power Supply: 280 W, 76% power efficiency, 956 BTU/hr. heat dissipation (not including peripherals) , manual selection power supplies: 90 to 135 V at 50/60 Hz; 180 to 265 V at 50/60 Hz

Part Number Key		SR60D500A		
Model	Chassis	HD Capacity (GB)	Version	
	D=Desktop			





The DIGIOP S.M.A.R.T. Retail series identifies events at the register that correlate to loss, track and calculate the effectiveness of product displays, monitor unauthorized door access, detect suspicious people or vehicles loitering in the parking lot, and count store traffic, monitor customer migration routes and checkout queues to optimize staffing, in-store merchandising and inventory control:

- Create a complete end-to-end bundled solution for business intelligence from best in class providers into one seamless installation, management, and invoice.
- Total Solution for Surveillance Intelligence.
Includes server, software, analytics, camera/audio monitoring, storage, installation and Internet technology that enable insight and on-demand control of retail business from single store visibility to chain-wide scalability for anytime, any place decision making from any Internet-enabled computing device.

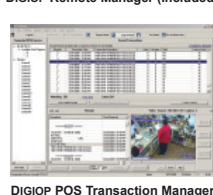
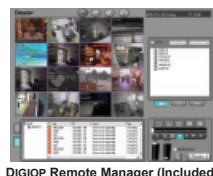
Seamless Integration

- Integrate analog camera systems with IP cameras into a single platform with new analytic business intelligence technology by Object Video onto a secure Windows-based open architecture for ease of deployment and customization. This allows retailers to cost effectively expand and upgrade their current systems and future-proof their security surveillance investments.
- Hybrid surveillance installation in parallel with existing infrastructure for non-disruption of current operations and unmatched low total cost of ownership.
- Full surveillance information platform integrating into retailers' customer service and point of sale systems to address four significant areas critical to retail success: Risk Management, Loss Prevention, Business Intelligence and Surveillance for one store to enterprise-wide views from one dashboard.

SR120 Digital Surveillance Management System

Hybrid - IP CameraReady

	SR120D250A	SR120D500A	SR120D750A	SR120D1000A
Hard Drive Configurations:	250GB	500GB	750GB	1TB
Estimated Archive Capacity*(Days):	40	80	120	160
Video/Audio Channels:	16/1+ Two-way Audio			
Record Rate @ CIF, 2CIF, 4CIF:	120, 120, 80			
Inputs/Relay:	4/4+PTZ			



The New DIGIOP S.M.A.R.T. Retail G3 SR120 DVR has been specifically designed as a complete surveillance management solution for small retail stores, restaurants, and offices or similar locations that do not require more than an entry level four-camera system. The SR120 is shipped with integrated POS Software and business intelligence analytics which can be easily expanded and upgraded via software key to create the perfect loss prevention solution.

The G3 SR120 delivers key functionality of higher end systems in a compact desktop chassis as shown above. It can be configured to provide more than 6 months of DVD quality video. As with the entire DIGIOP G3 platform, the SR120 is easy-to-install, use, and maintain. Included with each G3 SR120 is the DIGIOP Remote Manager, which will enable a user to manage, upgrade, and monitor the SR120 as either a stand-alone workstation or enterprise surveillance system. By combining DIGIOP's award-winning surveillance management software and hardware with Dell's highly reliable IT platform, we have created an open surveillance platform unparalleled in capabilities, quality, and value.

Loss Prevention

THE DIGIOP SMART RETAIL WITH OBJECT VIDEO ON BOARD technology can be used to look for several behaviors indicative of customer or employee shrinkage events:

- Left packages outside the back exit
- Personal vehicles in loading docks
- Extended loitering within store
- Stopped/loitering vehicles
- Entry to a "returns" line from within the store
- Person running out of store/sudden exit
- Stockroom/warehouse inventory monitoring
- High theft item monitoring
- Objects removed from shipping/receiving areas
- Unauthorized access to counter/display areas

BUSINESS INTELLIGENCE

The DIGIOP S.M.A.R.T. Retail intelligence can generate business data about each object that moves through a store which can be used for merchandising or real-time event and customer counting.

- High value or promotional item monitoring
- Display/shelf space effectiveness (comparison of normal traffic patterns to people who stop in front of a particular product or display)
- People counting (in and out of store; into promotional areas)
- Vehicle counting for parking lots and garages
- Forensics analysis of data to determine trends and patterns of customer behavior
- Syncing all data into point of sale systems and integrating results into a web enabled management dashboard for real time and on demand business decisions.



People Counting



Loitering Monitoring



DIGIOP
S.M.A.R.T. RETAIL

*Storage estimation is based on 25% motion, 1CIF at 500kbps/30fps bitrate. Actual days storage may vary greatly depending on cameras used, scene complexity, and image quality settings.

SPECIFICATIONS

SR120

Description: The DIGIOP SR120 DVR is a 16-channel video and 5-channel audio IP-networked digital video recorder which records up to 120 images-per-second. It is designed for retail specific environments to reduce risk, improve profitability, and change behavior. It provides enterprise features, quality, and interoperability in a compact desktop platform that is easy to install, use, and maintain. It can operate as a fully integrated networked system or as a stand-alone workstation with an intuitive mouse driven graphical user interface.

Video Recording: Enhanced MPEG 4 compression with motion & noise discrimination, individually selectable camera frame rate and resolution. Up to 30 ips per camera. Max Resolution 720x480

NTSC: 120 ips across 16 inputs (7.5 ips per camera) @ CIF & 2 CIF, 80 ips @ 4 CIF

PAL: 100 ips across 4 inputs (6.25 ips per camera) @ CIF & 2 CIF, 80 ips @ 4 CIF

Playback: Fully synchronized multi-channel playback, advanced image post processing, smart search, selectable de-interlacing, 24hr intelli-search, selectable event playback, digital zoom & enhancements, encrypted and open format that is easy to export to network, DVD/CD/USB

Audio Channels: 5 line-level synched to video, 1 two-way audio, selectable compression methods, G.723.1 compression achieves voice quality at 6.3 kbps bitrate, MP3 FM & AM quality and live remote audio monitoring

Analog Monitor Out: RCA-terminated NTSC or PAL analog spot monitor output; event-driven video switcher functionality, selectable rotation with dwell time, controlled / overridden by time/VMD/alarm input or remote control

Alarms/ Relays: 4 (NO/NC) / 4 relay switch outputs; programmable event driven, programmable optimize frame rate on sensor input, PTZ preset association to sensor input. Video motion detection, video loss, record failure, and power loss association to relay. Local and remote relay activation and control

Data & Peripheral Connectivity: Integrated PTZ RS422/485 or 1 RS232, 8 USB ports for additional devices, 1 parallel/prINTER, 1 VGA out, 1 speaker/line-out, 1 headphone (front)

Network Interface: Ethernet: RJ-45 10/100/1000. Server bandwidth throttle, DHCP enabled; centralized time server synchronization across all servers

Recording Modes: Continuous, schedule, motion (full view or masked with sensitivity control), event driven with multiple camera association, pre and post alarm recording, covert, selectable event & camera days archive retention

Video Streaming: Advanced conrypted (compressed & 128 bit AES encrypted), multi-channel independent streaming, tri-plex on remote for simultaneous live, VOD/Playback, and archive. Unique full quality video stream achieved by adaptive frame skipping for low bandwidth networks

Video Storage: 1 high capacity HDD 250 GB - 1 TB storage. Innovative HDD dampening, SMART III, 7200RPM SATA, automated Net-backup server compatible, HDD % full notification

Audit/Event Log: Setup, startup, shutdown, restart, reset, sensors, HDD fail, video loss, record start & stop, system service, date/time change, upgrade, network change, video error

Fault Tolerant Systems: Auto HDD recovery – system automatically re-images after improper shutdown or error detected, hardware watchdog, HyperCool thermal-management, brown out tolerant power supply, XP Embedded hardened OS, enterprise class HDD 1.2 million MTBF @ 100% duty cycle for the 500 GB HDD

Server App, OS, API & Integration: DIGIOP Hybrid Series 7 Server, multi-site remote management software suite, XP Embedded OS, full DIGIOP API compatibility, and DTM-POS/Video loss prevention, iVideo Analysis suite

IT Platform: Customized Dell Optiplex 755, 2.4 Ghz Intel Q6600 Quad Core, 3 GB RAM

Dimensions (HxWxD): 4.5"x15.7"x13.9" (11.43cm x39.9 cm x35.3cm)

Weight: 23 lb. (10.4 kg) (depending on options installed)

Operating Temperatures: 10° to 95°F (10° - 35° C)

Safety & Certifications: TCO99, Blue Angel, Green PC, Energy Star, BSMI, C-TICK, CE, FCC, IRAM, NEMKO, NFPA99, SABS, SASO, TCO, TUV, UL, VCCI, USB 2.0, WEEE

Power Supply: 280 W, 76% power efficiency, 956 BTU/hr. heat dissipation (not including peripherals) , manual selection power supplies: 90 to 135 V at 50/60 Hz; 180 to 265 V at 50/60 Hz

Part Number Key		SR120D500A		
Model	Chassis	HD Capacity (GB)	Version	
	D=Desktop			





The DIGIOP S.M.A.R.T. Retail series identifies events at the register that correlate to loss, track and calculate the effectiveness of product displays, monitor unauthorized door access, detect suspicious people or vehicles loitering in the parking lot, and count store traffic, monitor customer migration routes and checkout queues to optimize staffing, in-store merchandising and inventory control:

- Create a complete end-to-end bundled solution for business intelligence from best in class providers into one seamless installation, management, and invoice.
- Total Solution for Surveillance Intelligence.
Includes server, software, analytics, camera/audio monitoring, storage, installation and Internet technology that enable insight and on-demand control of retail business from single store visibility to chain-wide scalability for anytime, any place decision making from any Internet-enabled computing device.

Seamless Integration

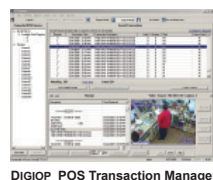
- Integrate analog camera systems with IP cameras into a single platform with new analytic business intelligence technology by Object Video onto a secure Windows-based open architecture for ease of deployment and customization. This allows retailers to cost effectively expand and upgrade their current systems and future-proof their security surveillance investments.
- Hybrid surveillance installation in parallel with existing infrastructure for non-disruption of current operations and unmatched low total cost of ownership.
- Full surveillance information platform integrating into retailers' customer service and point of sale systems to address four significant areas critical to retail success: Risk Management, Loss Prevention, Business Intelligence and Surveillance for one store to enterprise-wide views from one dashboard.

SR240 Digital Surveillance Management System

Rack Mountable Tower†

Hybrid - IP CameraReady

	SR240T750C	SR240T1500C	SR240T3000C	SR240T4000C
Hard Drive Configurations:	750 GB	1.5 TB	3 TB	4 TB
Estimated Archive Capacity*(Days):	60	120	240	350
Video/Audio Channels:	32/16+ Two-way Audio			
Record Rate @ CIF, 2CIF, 4CIF:	240, 240, 120			
Inputs/Relay:	4/4+PTZ			



The New DIGIOP S.M.A.R.T. Retail G3 SR240 DVR has been specifically designed as a complete surveillance management solution for small retail stores, restaurants, and offices or similar locations that do not require more than an entry level four-camera system. The SR240 is shipped with integrated POS Software and business intelligence analytics which can be easily expanded and upgraded via software key to create the perfect loss prevention solution.

The G3 SR240 delivers key functionality of higher end systems in a compact desktop chassis as shown above. It can be configured to provide more than 6 months of DVD quality video. As with the entire DIGIOP G3 platform, the SR240 is easy-to-install, use, and maintain. Included with each G3 SR240 is the DIGIOP Remote Manager, which will enable a user to manage, upgrade, and monitor the SR240 as either a stand-alone workstation or enterprise surveillance system. By combining DIGIOP's award-winning surveillance management software and hardware with Dell's highly reliable IT platform, we have created an open surveillance platform unparalleled in capabilities, quality, and value.

LOSS PREVENTION

THE DIGIOP SMART RETAIL WITH OBJECT VIDEO ON BOARD technology can be used to look for several behaviors indicative of customer or employee shrinkage events:

- Left packages outside the back exit
- Personal vehicles in loading docks
- Extended loitering within store
- Stopped/loitering vehicles
- Entry to a "returns" line from within the store
- Person running out of store/ sudden exit
- Stockroom/warehouse inventory monitoring
- High theft item monitoring
- Objects removed from shipping/receiving areas
- Unauthorized access to counter/display areas

BUSINESS INTELLIGENCE

The DIGIOP S.M.A.R.T. Retail intelligence can generate business data about each object that moves through a store which can be used for merchandising or real-time event and customer counting.

- High value or promotional item monitoring
- Display/shelf space effectiveness (comparison of normal traffic patterns to people who stop in front of a particular product or display)
- People counting (in and out of store; into promotional areas)
- Vehicle counting for parking lots and garages
- Forensics analysis of data to determine trends and patterns of customer behavior
- Syncing all data into point of sale systems and integrating results into a web enabled management dashboard for real time and on demand business decisions.



People Counting



Loitering Monitoring



DIGIOP
S.M.A.R.T. RETAIL

*Storage estimation is based on 25% motion, 1CIF at 500kbps/30fps bitrate. Actual days storage may vary greatly depending on cameras used, scene complexity, and image quality settings.

SPECIFICATIONS

SR240

Description: The DIGIOP SR240 DVR is a 32-channel video and 16-channel audio IP-networked digital video recorder which records up to 240 images-per-second. It is designed for retail specific environments to reduce risk, improve profitability, and change behavior. It provides enterprise features, quality, and interoperability in a compact desktop platform that is easy to install, use, and maintain. It can operate as a fully integrated networked system or as a stand-alone workstation with an intuitive mouse driven graphical user interface.

Video Recording: Enhanced MPEG 4 compression with motion & noise discrimination, individually selectable camera frame rate and resolution. Up to 30 ips per camera. Max Resolution 720x480

NTSC: 240 ips across 32 inputs (7.5 ips per camera) @ CIF & 2 CIF, and 120 ips @ 4 CIF

PAL: 200 ips across 32 inputs (6.25 ips per camera) @ CIF & 2 CIF, and 80 ips @ 4 CIF

Playback: Fully synchronized multi-channel playback, advanced image post processing, smart search, selectable de-interlacing, 24hr intelli-search, selectable event playback, digital zoom & enhancements, encrypted and open format easy export to network, DVD/CD/USB

Audio Channels: 16 line-level synched to video, 1 two-way audio, 1 two-way audio, selectable compression methods, G.723.1 compression achieves voice quality at 6.3 kbps bitrate, MP3 FM & AM quality and live remote audio monitoring

Analog Monitor Out: RCA-terminated NTSC or PAL analog spot monitor output; Multiplexed, selectable rotation with dwell time, controlled / overridden by time/VMD/alarm input or remote control

Alarms/ Relays: 4 (NO/NC)/4 relay switch outputs; programmable event driven, programmable optimize frame rate on sensor input, PTZ preset association to sensor input. Video motion detection, video loss, record failure, and power loss association to relay. Local and remote relay activation and control

Data & Peripheral Connectivity: Integrated PTZ RS422/485 or 1 RS232, 8 USB ports for additional devices, 1 parallel/printer, 2 VGA out, 1 speaker/line-out, 1 headphone (front)

Network Interface: Ethernet: RJ-45 10/100/1000. Server bandwidth throttle, DHCP enabled; centralized time server synchronization across all servers

Recording Modes: Continuous, schedule, motion (full view or masked with sensitivity control), event driven with multiple camera association, pre and post alarm recording, covert, selectable event & camera days archive retention

Video Streaming: Advanced conrypted (compressed & 128 bit AES encrypted), multi-channel independent streaming, tri-plex on remote for simultaneous live, VOD/Playback, and archive. Unique full quality video stream achieved by adaptive frame skipping for low bandwidth networks

Video Storage: Up to 4 high capacity HDDs. 500 GB – 4 TB storage. SMART III. 7200 RPM SATA, automated Net-backup server compatible, HDD % full notification

Audit/Event Log: Setup, startup, shutdown, restart, reset, sensors, HDD fail, video loss, record start & stop, system service, date/time change, upgrade, network change, video error

Fault Tolerant Systems: Auto HDD recovery – system automatically re-images after improper shutdown or error detected, hardware watchdog, HyperCool thermal-management, brown out tolerant power supply, Windows XP Pro hardened OS, enterprise class HDD 1.2 million MTBF @ 100% duty cycle at 500 GB HDD and above capacities

Server App, OS, API & Integration: DIGIOP Hybrid Series 7 Server, multi-site remote management software suite, Windows XP Pro, full DIGIOP API compatibility, and DTM-POS/Video loss prevention, iVideo Analysis suite

IT Platform: Customized Dell T3400, 2.4 Ghz Intel Quad Core Processor, 4 GB RAM

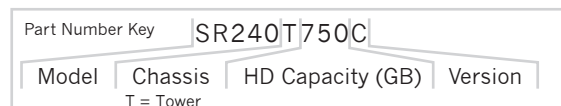
Dimensions (HxWxD): 17.6"x6.8"x18.4" (44.7cm x17.1cm x46.8cm)

Weight: 39 lbs. (17.7 kg) (depending on options installed)

Operating Temperatures: 50° to 95°F (10°-35°C)

Safety & Certifications: TCO99, Blue Angel, Green PC, Energy Star, BSMI, C-TICK, CE, FCC, IRAM, NEMKO, NFPA99, SABS, SASO, TCO, TUV, UL, VCCI, USB 2.0, WEEE

Power Supply: 375W, 76% power efficiency, 1279 BTU/hr. heat dissipation (not including peripherals), manual selection power supplies: 90 to 135 V at 50/60 Hz; 180 to 265 V at 50/60Hz





The DIGIOP S.M.A.R.T. Retail series identifies events at the register that correlate to loss, track and calculate the effectiveness of product displays, monitor unauthorized door access, detect suspicious people or vehicles loitering in the parking lot, and count store traffic, monitor customer migration routes and checkout queues to optimize staffing, in-store merchandising and inventory control:

- Create a complete end-to-end bundled solution for business intelligence from best in class providers into one seamless installation, management, and invoice.
- Total Solution for Surveillance Intelligence.
Includes server, software, analytics, camera/audio monitoring, storage, installation and Internet technology that enable insight and on-demand control of retail business from single store visibility to chain-wide scalability for anytime, any place decision making from any Internet-enabled computing device.

Seamless Integration

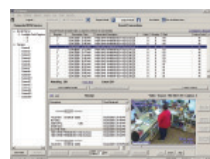
- Integrate analog camera systems with IP cameras into a single platform with new analytic business intelligence technology by Object Video onto a secure Windows-based open architecture for ease of deployment and customization. This allows retailers to cost effectively expand and upgrade their current systems and future-proof their security surveillance investments.
- Hybrid surveillance installation in parallel with existing infrastructure for non-disruption of current operations and unmatched low total cost of ownership.
- Full surveillance information platform integrating into retailers' customer service and point of sale systems to address four significant areas critical to retail success: Risk Management, Loss Prevention, Business Intelligence and Surveillance for one store to enterprise-wide views from one dashboard.

SR480 Digital Surveillance Management System

Rack Mountable Tower†

Hybrid - IP CameraReady

	SR480T750C	SR480T1500C	SR480T3000C	SR480T4000C
Hard Drive Configurations:	750 GB	1.5 TB	3 TB	4 TB
Estimated Archive Capacity*(Days):	30	60	120	175
Video/Audio Channels:	16/16+ Two-way Audio			
Record Rate @ CIF, 2CIF, 4CIF:	480, 240, 120			
Inputs/Relay:	4/4+PTZ			



DIGIOP POS Transaction Manager

The New DIGIOP S.M.A.R.T. Retail G3 SR480 DVR has been specifically designed as a complete surveillance management solution for small retail stores, restaurants, and offices or similar locations that do not require more than an entry level four-camera system. The SR480 is shipped with integrated POS Software and business intelligence analytics which can be easily expanded and upgraded via software key to create the perfect loss prevention solution.

The G3 SR480 delivers key functionality of higher end systems in a compact desktop chassis as shown above. It can be configured to provide more than 6 months of DVD quality video. As with the entire DIGIOP G3 platform, the SR480 is easy-to-install, use, and maintain. Included with each G3 SR480 is the DIGIOP Remote Manager, which will enable a user to manage, upgrade, and monitor the SR480 as either a stand-alone workstation or enterprise surveillance system. By combining DIGIOP's award-winning surveillance management software and hardware with Dell's highly reliable IT platform, we have created an open surveillance platform unparalleled in capabilities, quality, and value.

LOSS PREVENTION

THE DIGIOP SMART RETAIL WITH OBJECT VIDEO ON BOARD technology can be used to look for several behaviors indicative of customer or employee shrinkage events:

- Left packages outside the back exit
- Personal vehicles in loading docks
- Extended loitering within store
- Stopped/loitering vehicles
- Entry to a "returns" line from within the store
- Person running out of store/ sudden exit
- Stockroom/warehouse inventory monitoring
- High theft item monitoring
- Objects removed from shipping/receiving areas
- Unauthorized access to counter/display areas

BUSINESS INTELLIGENCE

The DIGIOP S.M.A.R.T. Retail intelligence can generate business data about each object that moves through a store which can be used for merchandising or real-time event and customer counting.

- High value or promotional item monitoring
- Display/shelf space effectiveness (comparison of normal traffic patterns to people who stop in front of a particular product or display)
- People counting (in and out of store; into promotional areas)
- Vehicle counting for parking lots and garages
- Forensics analysis of data to determine trends and patterns of customer behavior
- Syncing all data into point of sale systems and integrating results into a web enabled management dashboard for real time and on demand business decisions.



People Counting



Loitering Monitoring



DIGIOP
S.M.A.R.T. RETAIL

*Storage estimation is based on 25% motion, 1CIF at 500kbps/30fps bitrate. Actual days storage may vary greatly depending on cameras used, scene complexity, and image quality settings.

SPECIFICATIONS

SR480

Description: The DIGIOP SR480 DVR is a 16-channel video and 16-channel audio IP-networked digital video recorder which records up to 120 images-per-second. It is designed for retail specific environments to reduce risk, improve profitability, and change behavior. It provides enterprise features, quality, and interoperability in a compact desktop platform that is easy to install, use, and maintain. It can operate as a fully integrated networked system or as a stand-alone workstation with an intuitive mouse driven graphical user interface.

Video Recording: Enhanced MPEG 4 compression with motion & noise discrimination, individually selectable camera frame rate and resolution. Up to 30 ips per camera. Max Resolution 720x480

NTSC: 480 ips across 16 inputs (30 ips per camera) @ CIF, 240 ips @ 2 CIF, and 120 ips @ 4 CIF

PAL: 400 ips across 16 inputs (25 ips per camera) @ CIF, 200 ips @ 2 CIF, and 100 ips @ 6.25 CIF

Playback: Fully synchronized multi-channel playback, advanced image post processing, smart search, selectable de-interlacing, 24hr intelli-search, selectable event playback, digital zoom & enhancements, encrypted and open format easy export to network, DVD/CD/USB

Audio Channels: 16 line-level synched to video, 1 two-way audio, 1 two-way audio, selectable compression methods, G.723.1 compression achieves voice quality at 6.3 kbps bitrate, MP3 FM & AM quality and live remote audio monitoring

Analog Monitor Out: RCA-terminated NTSC or PAL analog spot monitor output; Multiplexed, selectable rotation with dwell time, controlled / overridden by time/VMD/alarm input or remote control

Alarms/ Relays: 4 (NO/NC)/4 relay switch outputs; programmable event driven, programmable optimize frame rate on sensor input, PTZ preset association to sensor input. Video motion detection, video loss, record failure, and power loss association to relay. Local and remote relay activation and control

Data & Peripheral Connectivity: Integrated PTZ RS422/485 or 1RS232, 8 USB ports for additional devices, 1 parallel/printer, 2 VGA out, 1 speakers/line-out, 1 headphone (front)

Network Interface: Ethernet: RJ-45 10/100/1000. Server bandwidth throttle, DHCP enabled; centralized time server synchronization across all servers

Recording Modes: Continuous, schedule, motion (full view or masked with sensitivity control), event driven with multiple camera association, pre and post alarm recording, covert, selectable event & camera days archive retention

Video Streaming: Advanced concripted (compressed & 128 bit AES encrypted), multi-channel independent streaming, tri-plex on remote for simultaneous live, VOD/Playback, and archive. Unique full quality video stream achieved by adaptive frame skipping for low bandwidth networks

Video Storage: Up to 4 high capacity HDDs. 500 GB – 4 TB storage. SMART III. 7200 RPM SATA, automated Net-backup server compatible, HDD % full notification

Audit/Event Log: Setup, startup, shutdown, restart, reset, sensors, HDD fail, video loss, record start & stop, system service, date/time change, upgrade, network change, video error

Fault Tolerant Systems: Auto HDD recovery – system automatically re-images after improper shutdown or error detected, hardware watchdog, HyperCool thermal-management, brown out tolerant power supply, Windows XP Pro hardened OS, enterprise class HDD 1.2 million MTBF @ 100% duty cycle at 500 GB HDD and above capacities

Server App, OS, API & Integration: DIGIOP Hybrid Series 7 Server, multi-site remote management software suite, Windows XP Pro, full DIGIOP API compatibility, and DTM-POS/Video loss prevention, iVideo Analysis suite

IT Platform: Customized Dell T3400, 2.4 Ghz Intel Quad Core Processor, 4 GB RAM

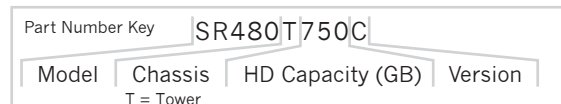
Dimensions (HxWxD): 17.6"x6.8"x18.4" (44.7cm x17.1cm x46.8cm)

Weight: 39 lbs. (17.7 kg) (depending on options installed)

Operating Temperatures: 50° to 95°F (10°-35°C)

Safety & Certifications: TCO99, Blue Angel, Green PC, Energy Star, BSMI, C-TICK, CE, FCC, IRAM, NEMKO, NFPA99, SABS, SASO, TCO, TUV, UL, VCCI, USB 2.0, WEEE

Power Supply: 375W, 76% power efficiency, 1279 BTU/hr. heat dissipation (not including peripherals), manual selection power supplies: 90 to 135 V at 50/60 Hz; 180 to 265 V at 50/60Hz





The DIGIOP S.M.A.R.T. Retail series identifies events at the register that correlate to loss, track and calculate the effectiveness of product displays, monitor unauthorized door access, detect suspicious people or vehicles loitering in the parking lot, and count store traffic, monitor customer migration routes and checkout queues to optimize staffing, in-store merchandising and inventory control:

- Create a complete end-to-end bundled solution for business intelligence from best in class providers into one seamless installation, management, and invoice.
- Total Solution for Surveillance Intelligence.
Includes server, software, analytics, camera/audio monitoring, storage, installation and Internet technology that enable insight and on-demand control of retail business from single store visibility to chain-wide scalability for anytime, any place decision making from any Internet-enabled computing device.

Seamless Integration

- Integrate analog camera systems with IP cameras into a single platform with new analytic business intelligence technology by Object Video onto a secure Windows-based open architecture for ease of deployment and customization. This allows retailers to cost effectively expand and upgrade their current systems and future-proof their security surveillance investments.
- Hybrid surveillance installation in parallel with existing infrastructure for non-disruption of current operations and unmatched low total cost of ownership.
- Full surveillance information platform integrating into retailers' customer service and point of sale systems to address four significant areas critical to retail success: Risk Management, Loss Prevention, Business Intelligence and Surveillance for one store to enterprise-wide views from one dashboard.

SR960 Digital Surveillance Management System

Rack Mountable Tower†

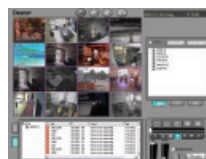
32 Channel Hybrid

Hard Drive Configurations:	4 TB
Estimated Archive Capacity*(Days):	100

Video/Audio Channels: 32/8+ Two-way Audio

Record Rate @ CIF, 2CIF, 4CIF: 960, 960, 480

Inputs/Relay: 4/2+PTZ



DIGIOP Remote Manager (Included)



DIGIOP POS Transaction Manager

The New DIGIOP S.M.A.R.T. Retail G3 SR960 DVR has been specifically designed as a complete surveillance management solution for small retail stores, restaurants, and offices or similar locations that do not require more than an entry level four-camera system. The SR960 is shipped with integrated POS Software and business intelligence analytics which can be easily expanded and upgraded via software key to create the perfect loss prevention solution.

The G3 SR960 delivers key functionality of higher end systems in a compact desktop chassis as shown above. It can be configured to provide more than 6 months of DVD quality video. As with the entire DIGIOP G3 platform, the SR960 is easy-to-install, use, and maintain. Included with each G3 SR960 is the DIGIOP Remote Manager, which will enable a user to manage, upgrade, and monitor the SR960 as either a stand-alone workstation or enterprise surveillance system. By combining DIGIOP's award-winning surveillance management software and hardware with Dell's highly reliable IT platform, we have created an open surveillance platform unparalleled in capabilities, quality, and value.

LOSS PREVENTION

THE DIGIOP SMART RETAIL WITH OBJECT VIDEO ON BOARD technology can be used to look for several behaviors indicative of customer or employee shrinkage events:

- Left packages outside the back exit
- Personal vehicles in loading docks
- Extended loitering within store
- Stopped/loitering vehicles
- Entry to a "returns" line from within the store
- Person running out of store/ sudden exit
- Stockroom/warehouse inventory monitoring
- High theft item monitoring
- Objects removed from shipping/ receiving areas
- Unauthorized access to counter/ display areas

BUSINESS INTELLIGENCE

The DIGIOP S.M.A.R.T. Retail intelligence can generate business data about each object that moves through a store which can be used for merchandising or real-time event and customer counting.

- High value or promotional item monitoring
- Display/shelf space effectiveness (comparison of normal traffic patterns to people who stop in front of a particular product or display)
- People counting (in and out of store; into promotional areas)
- Vehicle counting for parking lots and garages
- Forensics analysis of data to determine trends and patterns of customer behavior
- Syncing all data into point of sale systems and integrating results into a web enabled management dashboard for real time and on demand business decisions.



People Counting



Loitering Monitoring



DIGIOP
S.M.A.R.T. RETAIL

*Storage estimation is based on 25% motion, 1CIF at 500kbps/30fps bitrate. Actual days storage may vary greatly depending on cameras used, scene complexity, and image quality settings.

SPECIFICATIONS

SR960

Description: The DIGIOP SR960 DVR is a 32-channel video and 8-channel audio IP-networked digital video recorder which records up to 960 images-per-second of analog video or up to 32 channels of IP video. It is designed for mid to large camera installations which require real-time recording and up to 32 channels of video and audio. It provides enterprise features, quality, and interoperability in a rack-mountable chassis that is easy-to-install, use, and maintain. It can operate as a fully integrated networked system or as a stand-alone workstation with an intuitive mouse driven graphical user interface.

Video Recording: Modified H.264 hardware compression with advanced motion detection using 4 Texas Instruments DSP encoder engines, individually selectable camera resolution and frame rate. Up to 30 ips per camera. Max resolution 720x480

NTSC: 960 ips across 32 inputs (30 ips per camera) @ CIF & 2 CIF, 480 ips @ 4 CIF

PAL: 800 ips across 32 inputs (25 ips per camera) @ CIF & 2 CIF, and 400 ips @ 4 CIF

Playback: Fully synchronized multi-channel playback, advanced image post processing, smart search, selectable de-interlacing, 24hr intelli-search, selectable event playback, digital zoom & enhancements, encrypted and open format easy export to network, DVD/CD/USB

Audio Channels: 8 line-level synched to video, 1 two-way audio, advanced Ogg Vorbis based compression achieves high quality at 6 kbps bit rate, and live remote audio monitoring

Analog Monitor Out: None (optional multi-screen analog monitor out)

Alarms/ Relays: 4 (NO/NC)/2 relay switch outputs; programmable event driven, programmable optimize frame rate on sensor input, PTZ preset association to sensor input. Video motion detection, video loss, record failure, and power loss association to relay. Local and remote relay activation and control

Data & Peripheral Connectivity: Integrated PTZ RS485 or 1 RS232, 8 USB ports for additional devices, 1 parallel/printer, 2 VGA out, 1 speaker/line-out

Network Interface: Ethernet: RJ-45 10/100/1000. Server bandwidth throttle, DHCP enabled; centralized time server synchronization across all servers

Recording Modes: Continuous, schedule, motion (full view or masked with sensitivity control), event driven with multiple camera association, pre and post alarm recording, covert, selectable event & camera days archive retention

Video Streaming: Advanced concripted (compressed & 128 bit AES encrypted), multi-channel independent streaming, tri-plex on remote for simultaneous live, VOD/Playback, and archive. Unique full quality video stream achieved by adaptive frame skipping for low bandwidth networks

Video Storage: Up to 4 high capacity HDDs. 500 GB – 4 TB storage. SMART III, 7200 RPM SATA, automated Net-backup server compatible, HDD % full notification

Audit/Event Log: Setup, startup, shutdown, restart, reset, sensors, HDD fail, video loss, record start & stop, system service, date/time change, upgrade, network change, video error

Fault Tolerant Systems: Auto HDD recovery – system automatically re-images after improper shutdown or error detected, hardware watchdog, XP Embedded hardened OS, enterprise class HDD 1.2 million MTBF @ 100% duty cycle at 500 GB HDD and above capacities

Server App, OS, API & Integration: DIGIOP Hybrid Series 7 Server, multi-site remote management software suite, XP Embedded OS, full DIGIOP API compatibility, and DTM/POS capable

IT Platform: Customized Dell T3400, 2.2 Ghz Intel E4500 Core 2 Duo Processor, 2 GB RAM

Dimensions (HxWxD): 17.6"x6.8"x18.4" (44.7cm x17.1cm x46.8cm)

Weight: 39 lbs. (17.7 kg) (depending on options installed)

Operating Temperatures: 50o to 95oF (10o-35oC)

Safety & Certifications: TCO99, Blue Angel, Green PC, Energy Star, BSMI, C-TICK, CE, FCC, IRAM, NEMKO, NFPA99, SABS, SASO, TCO, TUV, UL, VCCI, USB 2.0, WEEE

Power Supply: 375W, 76% power efficiency, 1279 BTU/hr. heat dissipation (not including peripherals) , manual selection power supplies: 90 to 135 V at 50/60 Hz; 180 to 265 V at 50/60Hz

Part Number Key			
SR960T4000C			
Model	Chassis	HD Capacity (GB)	Version
	T=Tower		



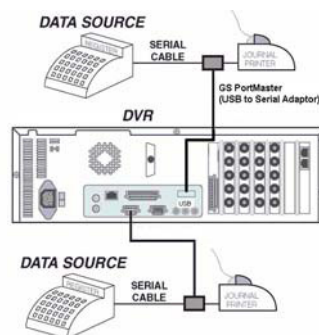
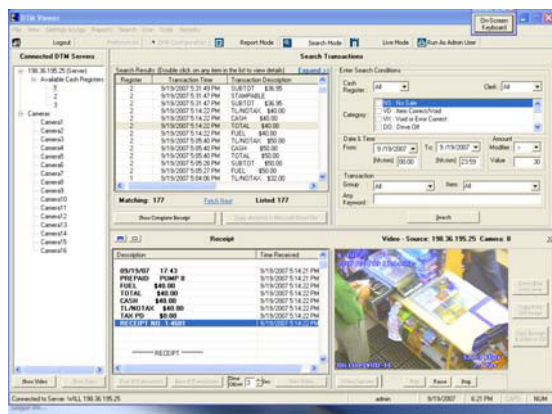


DIGIOP Transaction Manager (DTM)

DIGIOP Transaction Manager (DTM) is a point-of-sale software application which provides an easy-to-use interface between DIGIOP units and transaction-related devices such as cash registers, automatic teller machines (ATM) and weigh scales. DTM assists loss prevention professionals in the management of live or recorded transaction data and video. Exception-based reporting and case management capability make DTM the market-leading point of sale application. Access to transaction data and video can be obtained either locally or remotely making DTM perfect for both small retail and global enterprise applications.

Additional benefits are obtained through use of resizable screen images, simple transaction review, selectable search criterion, automatic synchronization of device and DIGIOP times and multiple camera support for selected transactions.

- View live transaction data in combination with live video
- Exception based transaction search functionality
- Review transaction and associated video locally & remotely
- Automatic playback of data & video on transaction review
- Ability to view associated video/images from multiple cameras for a selected transaction
- User definable report configuration/generation
- Backup transaction data and associated video to removable media for exception based case management
- Configure DTM settings locally or remotely
- Restrict access through administrator/user settings
- Includes context sensitive "Help"
- Compatible with common transaction devices such as NCR, G-Site & Ruby Verifone





Supported Cash Registers

NCR – 7453

Parts/Components Required:

- a) GS PortMaster – (USB to Serial Converter)
 - b) DB 9 NULL Modem Data Cable (Not provided by GS) that connects serial data output from NCR cash register to the GS PortMaster COM port.
- PIN/Connection Details:
a) PIN 3 (Transmit) and 5 (Ground) from the DB 9 serial data output from the NCR cash register should be connected to the PIN 2 (Receive) and 5 (Ground) on the GS PortMaster.

Gilbarco - GSite

Parts/Components Required:

- a) GS PortMaster – (USB to Serial Converter)
 - b) RJ 45 to Serial Connector that connects serial data output from the GSite JNL port to the GS PortMaster COM port. (Part No: GC98FF)
- PIN/Connection Details:
a) PIN 2 (Transmit) and 4 (Ground) from the JNL Port of the GSite (RJ 45 connector on the GSite Tower) should be connected to the PIN 2 (Receive) and 5 (Ground) on the GS PortMaster.

Gilbarco – Passport (Pole display only)

Parts/Components Required:

- a) GS PortMaster – (USB to Serial Converter)
 - b) DB 9 NULL Modem Data Cable (Not provided by GS) that connects serial data output from NCR cash register to the GS PortMaster COM port.
- PIN/Connection Details:
a) PIN 3 (Transmit) and 5 (Ground) from the DB 9 serial data output from the NCR cash register should be connected to the PIN 2 (Receive) and 5 (Ground) on the GS PortMaster

Ruby - Verifone

Parts/Components Required:

- a) GS PortMaster – (USB to Serial Converter)
 - b) MicroMax Cable (Part No: 1005)
- PIN/Connection Details:
a) MicroMax cable is a T connector with DB 25 pin pass through and a DB9 output. It should be connected to the Ruby Printer through its DB 25 pin pass through and the DB 9 output should be connected to GS PortMaster.

Micros Register (Not verified)

Parts/Components Required:

- a) GS PortMaster – (USB to Serial Converter)
 - b) DB 9 data cable to tap Micros Cash Register Printer output (Not provided by GS)
- PIN/Connection Details:
a) PIN 3 and 5 from the Micros PC printer port is connected to the PIN 2 and 5 of the GS PortMaster.

TVS 1066

Parts/Components Required:

- a) GS PortMaster – (USB to Serial Converter)
 - b) TVS 1066 Text overlay box. (Not provided by GS)
- PIN/Connection Details:
Refer TVS 1066 user manual for connection details.

Parfumer Register (Not verified)

Parts/Components Required:

- a) GS PortMaster – (USB to Serial Converter)
 - b) DB 9 Null Modem cable
- PIN/Connection Details:
Connect one end of the NULL modem cable to the Parfumer Pole display port and the other end to GS PortMaster.

Samsung Register – SER 6450

Parts/Components Required:

- a) GS PortMaster – (USB to Serial Converter)
 - b) DB 9 Null Modem cable
- PIN/Connection Details:
Connect one end of the NULL modem cable to the Samsung register Data output and the other end to GS PortMaster.

Samsung Register – 560 300M

Parts/Components Required:

- a) GS PortMaster – (USB to Serial Converter)
 - b) DB 9 Null Modem cable
- PIN/Connection Details:
Connect one end of the NULL modem cable to the Samsung register Data output and the other end to GS PortMaster.

Panasonic – JS550

Parts/Components Required:

- a) GS PortMaster – (USB to Serial Converter)
 - b) DB 9 Null Modem cable
- PIN/Connection Details:
Connect one end of the NULL modem cable to the Panasonic register Data output and the other end to GS PortMaster.

Legion (not verified)

Parts/Components Required:

- a) GS PortMaster – (USB to Serial Converter)
 - b) DB 9 Null Modem cable
- PIN/Connection Details:
Connect one end of the NULL modem cable to the Legion register Data output and the other end to GS PortMaster.

Radiant System (Not Verified)

Parts/Components Required:

- a) GS PortMaster – (USB to Serial Converter)
 - b) DB 9 Null Modem cable
- PIN/Connection Details:
Connect one end of the NULL modem cable to the Radiant Data output and the other end to GS PortMaster.

RapidFire 3.0 (Not Verified)

Parts/Components Required:

- a) GS PortMaster – (USB to Serial Converter)
 - b) DB 9 Null Modem cable
- PIN/Connection Details:
Connect one end of the NULL modem cable to the RapidFire Data output and the other end to GS PortMaster.

TouchMenu (Not Verified)

Parts/Components Required:

- a) GS PortMaster – (USB to Serial Converter)
 - b) DB 9 Null Modem cable
- PIN/Connection Details:
Connect one end of the NULL modem cable to the Touch Menu Data output and the other end to GS PortMaster.

Digital Dining (Not Verified)

Parts/Components Required:

- a) GS PortMaster – (USB to Serial Converter)
 - b) DB 9 Null Modem cable
- PIN/Connection Details:
Connect one end of the NULL modem cable to the Digital Dining Data output from the Digital Dining server COM port and the other end to GS PortMaster.

Weigh Scales (WasteManagement)

Parts/Components Required:

- a) GS PortMaster – (USB to Serial Converter)
 - b) DB 9 Null Modem cable
- PIN/Connection Details:
Connect one end of the NULL modem cable to the Weigh Scale PC Data output and the other end to GS PortMaster.

Topaz

Parts/Components Required:

- a) GS PortMaster – (USB to Serial Converter)
 - b) DB 9 NULL Modem Data Cable (Not provided by GS) that connects serial data output from NCR cash register to the GS PortMaster COM port.
- PIN/Connection Details:
a) PIN 3 (Transmit) and 5 (Ground) from the DB 9 serial data output from the NCR cash register should be connected to the PIN 2 (Receive) and 5 (Ground) on the GS PortMaster.

ACSIR

Pulls POS data from Register IP address

ISS45

Pulls POS data from Register IP address

Generic Device Support

DTM also supports a Generic protocol that can be used with most of the popular cash registers available in the market. Please refer DTM user manual or call DIGIOP Technologies Tech Support to find out more.



www.digiop.com



DIGIOP Remote Manager



DIGIOP Remote Manager is a command and control software application designed for use with enterprise, remote and network applications. Remote manager allows users to remotely access, search, browse, display and transfer stored video/image files to a remotely connected workstation(s). Additionally, users may simultaneously view, search and archive up to 24 video channels, control access through administrative and user level password assignments, remotely configure DVR and individual camera settings and receive notification of events such as alarm, motion detection and video loss.

- Command & control software solution for enterprise, remote and network applications
- Remotely view, search and archive up to 24 channels
- Integrated web browser provides easy to use interface for search and retrieval
- Triplex functionality allows users the ability to view live, search recorded data and back-up video/image files simultaneously
- Remotely configure DVR and individual camera settings
- Control access via administrative and user level passwords
- Receive remote notification of events including alarm, motion and video loss
- Smart search functionality allows retrieval of specific information contained within video frames



DIGIOP Remote Manager Software

The minimum requirements to run this software are:

S-Class

CPU: 2.0GHz+ (Celeron/P4/AMD)

Memory: 512MB

Video Memory: 32MB+ (1024 x 768 32 Bit)

Support Direct Draw and GDI Direct X 8.1+

Disk Space: 300MB+

LAN: 10/100/1000 Network

OS: Windows 2000 w/SP4, XP Home or Pro w/SP2, or Vista (w/administrative rights)

H-Class

CPU: 3.0GHz+ (Celeron/P4/AMD)

Memory: 1024MB

Video Memory: 128MB+ (1024 x 768 32 Bit)

Support Direct Draw and GDI Direct X 9.0+

Disk Space: 300MB+

LAN: 10/100/1000 Network

OS: Windows 2000 w/SP4, XP Home or Pro w/SP2, or Vista (w/administrative rights)

*** Results May Vary If Using Nvidia Riva TNT2 & SiS Video Chipsets. Compatible Server Software: DIGIOP Server Version 7.3.1.0306 or DIGIOP Server Version 6.11.1*

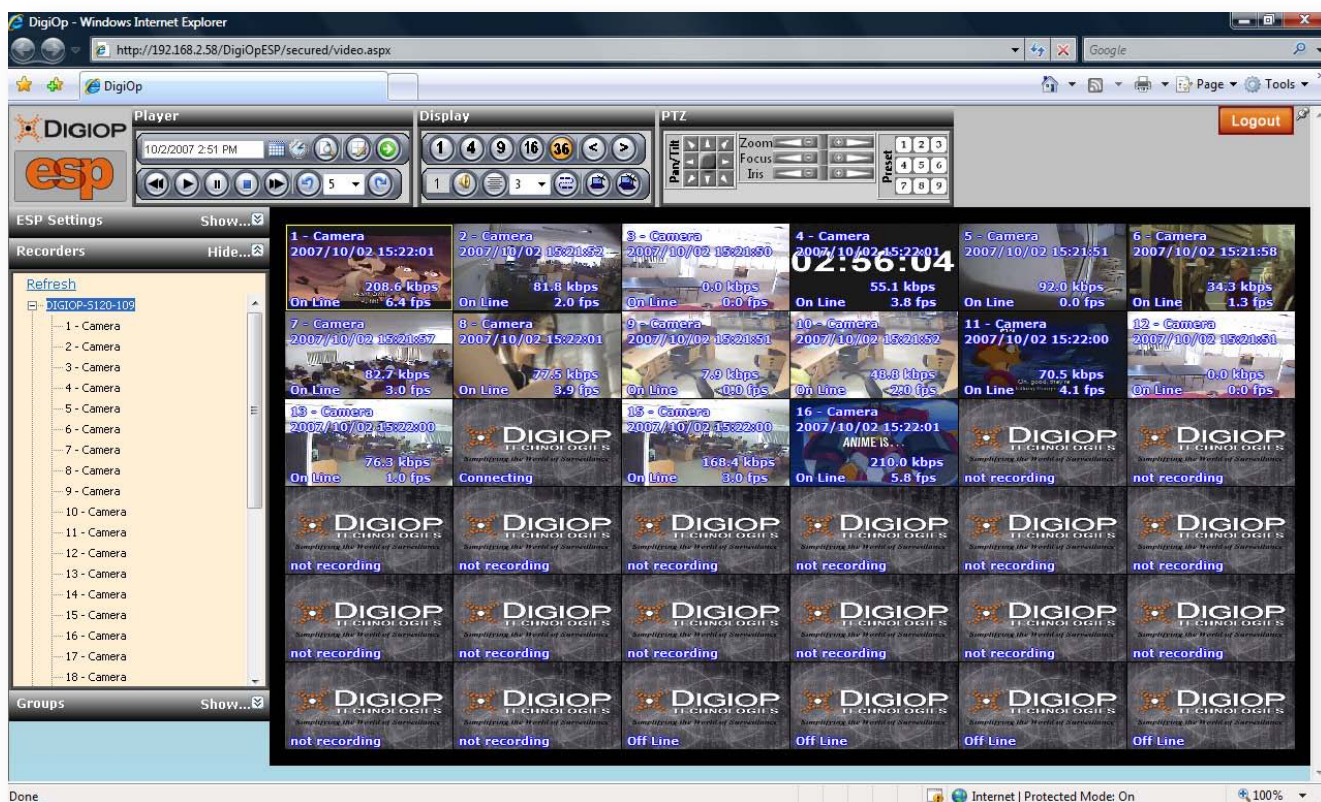


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DIGIOP Enterprise Surveillance Portal (ESP)

The DIGIOP Enterprise Surveillance Portal (ESP) is a powerful web portal which creates a centralized place to organize, manage, and view all your surveillance assets. The ESP database manages all user, DVR, and camera information. Now thousands of cameras, users, encoders, IP cameras, DVRs, and NVRs can be managed and viewed from one web address. It even handles dynamic IP addresses so it is no longer necessary to have a fixed IP address or pay monthly fees to host a dynamic IP address. View analog and IP cameras both fixed and PTZ, side by side, live or playback, with audio. View up to 36 cameras simultaneously, and with dual screen E-map capability situational awareness and managing numerous cameras is now easier than ever.



Everything you need in one place.



Application Features

View all your surveillance assets in one place. The DIGIOP Enterprise Surveillance Portal (ESP), is a powerful web-based application that allows you to view and manage both analog and IP devices side-by-side. Its open design will allow viewing and management of DIGIOP devices as well as supported 3rd party IP cameras and encoders. ESP is backwards-compatible with DIGIOP G2 systems.

View and hear all your video and audio assets with high fidelity, in real-time from one place. Simultaneously view 36 channels of live and recorded video with synchronized audio, analog or IP. Low latency, multi-codec compatibility (MPEG1, MPEG2, MPEG4, H.264, and JPEG) creates unparalleled streaming interoperability and surveillance experience.

Manage all users and devices from one place. The ESP database manages all users, DVRs, NVRs, analog, and IP cameras. Integrated configuration and camera grouping easily organizes thousands of cameras, users, encoders, IP cameras, DVRs, and NVRs.

Health monitoring of applications, hardware, and network connectivity is all in one place. Integrated health monitoring of applications, server hardware, and network connectivity provide your system health at a glance and will notify the user if any parameters exceed the limits set or if network connectivity is compromised.

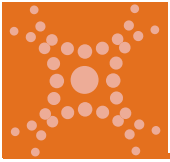
Auto discovery of DIGIOP systems and dynamic IP address support all in one place. ESP sweeps the net for IP devices making it easy to add new IP devices and constantly updates when new IP addresses are assigned to DVRs. It is no longer necessary to have a fixed IP address or pay monthly fees to host dynamic IP addresses.

Complete situational awareness in one place. Dual screen e-map capability improves situational awareness and makes managing multi-location installations easier. Drag and drop camera icons, import AutoCAD facility drawings or images from GoogleTM maps to create easy-to-use intuitive interfaces on one screen while viewing video on another.

Centralize your distributed servers in one place. Access all your surveillance assets from anywhere in the world, from one web server, creating a virtual daisy chain. Whether it is one location or thousands of locations spread across the globe, ESP creates a virtual cluster of servers bringing them into one easy-to-find, easy-to-use place. ESP is a stand-alone web server which can be located on a DIGIOP G3 surveillance management system or on a separate dedicated server. Third party IP cameras, DIGIOP G2, and new DIGIOP G3 systems all work seamlessly together to create a truly revolutionary scalable, future-proof surveillance platform.



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DIGIOP DIGICARE PLAN

DIGICARE

Authorized Dealer Support Plan

All G3 DIGIOP Digital Video Management Systems (DVMS) are sold to Authorized DIGIOP Dealers with a complimentary DIGICARE Support Plan. This plan includes:

- 30-day satisfaction guaranteed return policy;
- Three-year limited hardware warranty with availability of next business day on-site service;
- Three-year hardware technical phone support;
- One-year software technical phone support;
- One-year of complimentary software upgrades; and
- Unlimited availability to released software patches that address miscellaneous bugs and fixes.
- DIGICARE Support Plan is associated with the registered serial number and all warranty claims must be made by an Authorized DIGIOP Dealer.

30-Day Satisfaction Guaranteed Return Policy

Beginning with all purchases on or after November 1, 2007 by Authorized DIGIOP Dealers of G3 DIGIOP Systems, a 30-day satisfaction guaranteed return policy will be in effect. This 30-day period begins on the date an Authorized Dealer receives the G3 system. If the Authorized Dealer or a customer of such dealer is unsatisfied with the newly purchased DIGIOP System for any reason, the Dealer needs only to call the seller of the system (DIGIOP or a DIGIOP Order Fulfillment Partner) (If purchased from DIGIOP, call Customer Service Department at (800) 968-3606 (option 2)) and request an RMA number authorizing the return shipment. Shipping costs associated with the return will be handled by the seller. A proof of purchase will be required prior to release of the RMA number. If the DIGIOP System is received in original shipping materials and it is determined that no damage or neglect (including acts of God) has occurred to the System, a complete credit will be issued for the returned unit. If an inspection reveals damage or neglect, the claim for return will be rejected and a Customer Service Agent will contact the Dealer to discuss how the claim should be handled from a repair standpoint.

Note that if during the first 30-day period in which an Authorized Dealer purchased a new DIGIOP System the System is deemed defective and inoperable (after telephone technical support has been contacted and a DOA conclusion is reached), the seller of the unit will promptly arrange for the shipment of a new unit to the location specified by the Dealer. The shipping costs associated with the return of the DOA unit and the delivery of the new replacement unit will be absorbed by the seller.



Three-Year Limited Hardware Warranty

All purchases of G3 DIGIOP Systems include a limited hardware warranty plan that covers defects in materials and workmanship. This plan is intended to cover all internal components and the chassis of any G3 DIGIOP System for a period of three years from the date of purchase. Included in the complimentary DIGICARE Plan is the availability of Next Business Day On-Site Service (NBD). The NBD service is subject to geographic limitations, parts availability, scheduling conflicts, and holidays. External components sold with a DIGIOP System are sold with a oneyear replacement warranty.

Once a warranty claim has been made, the Dealer has three options as to how the claim is processed. First, the Dealer can request an RMA number from DIGIOP Technologies to return the non-functioning DIGIOP System directly to the DIGIOP Service Facility. Second, the Dealer can request that a replacement component be shipped to either the Dealer or the End-User next business day. Or, third, the Dealer can request that a service technician be also dispatched with the replacement component. The Dealer should specify to the DIGIOP Technical Support Agent how the claim is to be handled. It is up to the Dealer to handle any site or scheduling conflicts. Note that all incoming calls must be received by 2:00 PM CST to qualify for Next Business Day Delivery Service and Next Business Day Onsite Service. Note that HP-based models do not offer Next Business Day Onsite Service for proprietary components such as capture boards, IO boards, and cables.

All warranty claims are subject to rejection after inspection and validation by the DIGIOP Service Facility. If it is determined that damage, neglect, or acts of God have caused the failure of the DIGIOP System, the warranty claim will be rejected and a DIGIOP Customer Service Agent will contact the Dealer to discuss repair options.

The complimentary DIGICARE Plan includes three years of hardware technical support (8:00am to 6:00pm CST Monday through Friday). Authorized DIGIOP Dealers should contact the DIGIOP Technical Support Department at (800) 968-3606 (option 1).

One-Year Unlimited Software Technical Support and Upgrades

The complimentary DIGICARE Plan included with all purchases of G3 DIGIOP Systems includes unlimited telephone software technical support (8:00am to 6:00pm CST Monday through Friday) during the first year from the date of purchase. In addition, during that first year, the G3 DIGIOP System will have access to all released and compatible software upgrades.

Unlimited Software Patches

The complimentary DIGICARE Plan included with all G3 DIGIOP Systems includes access to all released and compatible software patches applicable to the software version purchased with the original DIGIOP System. This does not obligate DIGIOP to continue to issue software patches for any particular version of software sold.



Upgrade DIGICARE Software Support Options

At the time of purchase or at anytime within three years of the original purchase, Authorized DIGIOP Dealers have the ability to upgrade the complimentary one-year DIGICARE Software Support included with all G3 DIGIOP Systems. The software support included under the DIGICARE Plan can be extended up to two additional years. The DIGICARE Upgrade extends the unlimited software technical support and the access to compatible software upgrades released during the DIGICARE period. The DIGICARE Upgrades will be priced based on the term of the upgrade (1 or 2 years), the timing of the upgrade, and the type of DIGIOP System originally purchased. Please see the applicable DIGIOP Price List for more details. This service does not apply to release of new versions of DIGIOP software.

Legacy Systems Sold Prior to November 1, 2007

Systems purchased from an Authorized DIGIOP Dealer prior to November 1, 2007 shall continue under the hardware warranty in place at the time of the original purchase. Software support is limited to two years of phone support and availability of software patches and upgrades with respect to the version of DIGIOP software originally purchased. There are no rights to software support beyond the two years following the original purchase. Moreover, there are no rights to future releases of new versions of DIGIOP software. Authorized Dealers can purchase an additional year of software support for units less than three years old.

Disclaimers

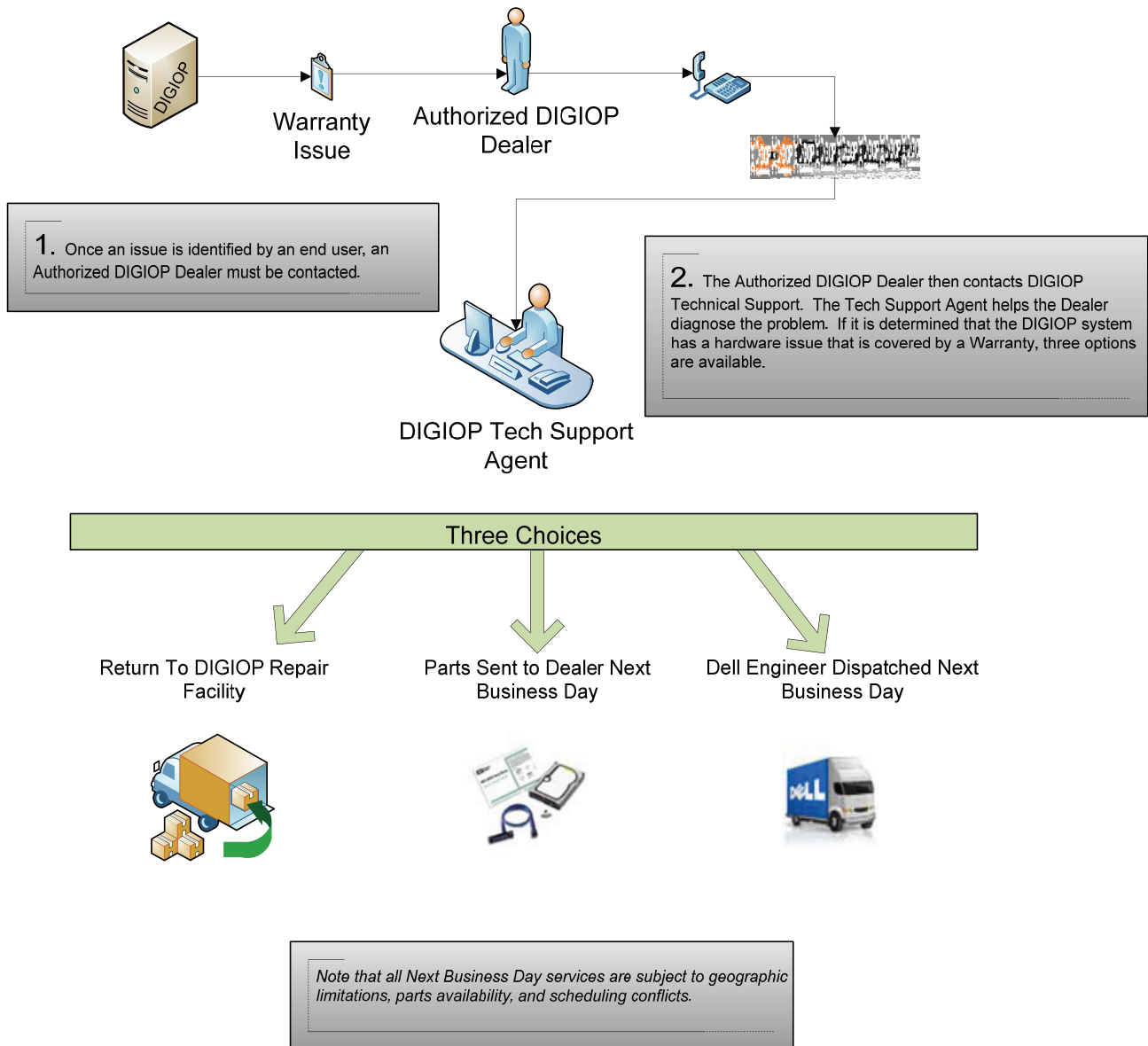
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WE DO NOT ACCEPT LIABILITY BEYOND THE REMEDIES PROVIDED FOR IN THIS LIMITED WARRANTY OR FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES, INCLUDING, WITHOUT LIMITATION, ANY LIABILITY FOR THIRD-PARTY CLAIMS AGAINST THE DEALER OR THE END USER. OUR LIABILITY WILL BE NO MORE THAN THE AMOUNT PAID FOR THE PRODUCT TO DIGIOP TECHNOLOGIES THAT IS SUBJECT TO THE CLAIM. THIS IS THE MAXIMUM AMOUNT FOR WHICH WE ARE RESPONSIBLE.

AFTER THE FIRST 30-DAYS FOLLOWING THE PURCHASE, WARRANTY CLAIMS CAN ONLY BE MADE FOR PRODUCTS IN WHICH DIGIOP TECHNOLOGIES HAS BEEN PAID IN FULL.



G3 Warranty Process



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